

PLUS!
A1200
Tower news

THE WORLD'S BIGGEST-SELLING AMIGA MAGAZINE

AMIGA FORMAT

£3.95 ■ FEBRUARY 1995 ■ ISSUE 68

Datastore

**AMIGA
Disk 68a
FORMAT**



Needs
1Mb

DATASTORE: Try out Digita's new database with a complete index of AF issues 1 to 67

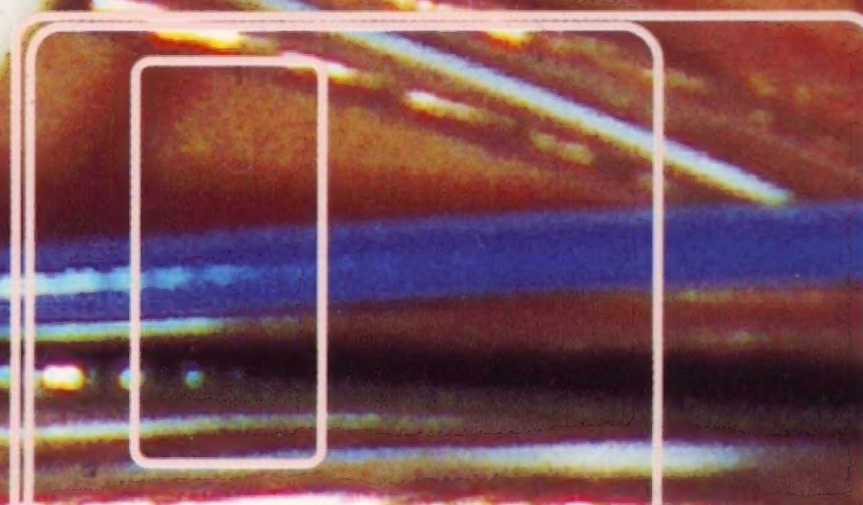
Cannon Fodder 2

**AMIGA
Disk 68b
FORMAT**



Needs
1Mb

CANNON FODDER 2: You have four men, unlimited bullets and a thirst for a kill



In this completely packed issue:

- **Photogenics**
An astonishing art package at an affordable price
- **Shaq-Fu vs Shadow Fighter**
And six more slug it out for the Amiga beat-em-up crown
- **Plus!** Image processing, desktop video, paint packages, multimedia, PD, games programming, modems, programming in AMOS, CD32, music-making and more...

Wired and wonderful!

Step-by-step guide to landing your Amiga on (astounding, wicked, bizarre) Planet Internet*

*And what to do once you've got it there!



AT LAST!
Lemmings 3 is finally here – but is it just a sequel too far?

Future
PUBLISHING

Your guarantee of value



9 770957 486035

02



POWER COMPUTING
DESIGN and INNOVATION

VIPER 68030 SERIES



VIPER FEATURES

- RAM Upgradable to 128MB*
- Full Kickstart remapping**
- Optional SCSI-II adaptor
- 68882 Maths Co-processor
- On-board battery backed clock
- Instruction & Data burst modes
- Much faster than an Amiga 4000/040***



*Only on Viper 33/40 **Only on Viper 28/40 ***Only on Viper 33/40

VIPER 28

EC 030 at 28MHz, FPU upto 50MHz

BARE BOARD	£109.95
4MB VIPER BOARD	£239.95
8MB VIPER BOARD	£399.95

VIPER 28 MMU

Full 030 with MMU at 28MHz, FPU upto 50MHz

BARE BOARD	£129.95
4MB VIPER BOARD	£269.95
8MB VIPER BOARD	£429.95

new

VIPER 40

Full 030 at 33MHz (clocked to 42MHz), FPU upto 50MHz

BARE BOARD	£179.95
4MB VIPER BOARD	£319.95
8MB VIPER BOARD	£479.95

CO-PROCESSORS

28MHz FPU	£25
33MHz FPU	£60
40MHz FPU	£80
50MHz FPU	£110
SCSI-II ADAPTOR	£79
4MB SIMM	£139.95
8MB SIMM	£299.95

HIGH SPEC, LOW COST



XL DRIVE 1.76MB

The new XL Drive 1.76MB now comes in a brand new metal casing which is half the height of a standard external floppy drive. The XL Drive allows you to store a massive 1.76MB on a high density disk. The A4000 internal drive fits perfectly underneath the original drive, no case cutting required.

XL DRIVE 1.76MB	£59.95
XL DRIVE INTERNAL	£55.95
XL DRIVE A4000 INT.	£55.95



SUPER XL DRIVE

The Super XL Drive is the only kind of floppy drive of its kind on the Amiga market! The innovative drive can store a massive 3.5MB on one high density floppy disk. (without compressing the file!). This drive is available from late November/early December.

SUPER XL DRIVE 3.5MB	£99.95
SUPER XL DRIVE INT.	£95.95

new



INTERNAL DRIVES

We use the same drive mechanisms as Commodore to ensure complete compatibility.

PC881 A500 INTERNAL	£30.95
PC882 A2000 INTERNAL	£30.95
PC883 A600/1200 INT.	£35.95

ECONOMY DRIVE

The Economy drive comes with anti-click.

PC880E ECONOMY	£39.95
-----------------------	---------------



POWER DRIVES

The Power Drive is most impressive drive of its kind on the market and now includes Blitz Amiga and Floppy Expander. Floppy Expander allows you to compress files only on floppy disks by up to 50%. Other features include: Anti-click, Anti-Virus, Isolation Switch, 2 Year Guarantee, Thru'port, Cyclone Compatible Chip, Built-in Backup Hardware and Blitz Compatible.

POWER DRIVE	£49.95
--------------------	---------------

AWARD winning PRODUCTS

44a/b Stanley St. Bedford MK41 7RW



telephone 0234 273000
facsimile 0234 352207

All prices include VAT. Specifications and prices are subject to change without notice, all trademarks are acknowledged. Prices are valid for month of publication only. E & OE. Delivery next day £5 2-3 days £2.50 Saturday £10. Deliveries are subject to stock availability.

Cheques payable to Power Computing Ltd

Name	
Address	
Postcode	

Telephone	
System owned	
Description	
Cheque/PO for £	allow upto 7 days to clear
Credit card No.	
Expiry date	Sign



HARD DRIVES

SCSI/IDE HD'S

All our hard drives come complete a 12 month guarantee with fitting cable, screws, partitioning software and full instructions.

2.5" IDE HARD DRIVES

80MB HARD DRIVE	£139.95
120MB HARD DRIVE	£159.95
170MB HARD DRIVE	£219.95

3.5" SCSI/IDE HARD DRIVES

270MB HARD DRIVE	£199
350MB HARD DRIVE	£239
540MB HARD DRIVE	£279
1GB HARD DRIVE	£639
2GB HARD DRIVE	£1099

ROM SWITCHER BUILT-IN

new



M-TEC EXT.HD

The AT-500 IDE external hard drive for the A500, comes with an internal ROM socket so you switch between a 2.04 and 1.3 ROM without having to open your Amiga casing.

AT-500 BARE	£99.95
AT-500 360MB HD	£259.95

BACKUP FEATURES

Innovative product that allows you to backup your software onto a VHS cassette. You can now fit up to 520MB on a four hour tape. The award winning Video Backup System now has new backup modes for Amigas with a 68020 or a higher CPU, a new user interface that also runs on the Workbench screen, a two times speed improvement over Version 1.5, data compression over three times faster than Version 1.5 and you can also watch television on your 1084s monitor!

VIDEO BACKUP SCART

VBS SCART VERSION	£65
VBS PHONO VERSION	£60
VBS V3.0 UPGRADE	£20



CD-ROM DRIVE



OVERDRIVE CD

This external CD-ROM drive comes with the following features: PCMCIA interface, Doublespeed drive, Emulates CD32 CD-ROM device, Multi session and PhotoCD compatible.

OVERDRIVE CD-ROM	£199
AMINET 3 SHARE	£10
MEETING PEARLS	£10
GOLDFISH	£25
FRESH FISH 6	£25
AUDIO RESOURCE	£23

new

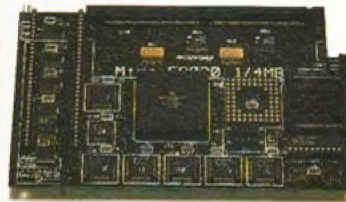


OVERDRIVE HD

This external PCMCIA Hard Drive allows you to fit a 3.5" IDE hard disk and included in the pack is the installation software which allows you to configure the drive to your own needs.

OVERDRIVE HD BARE	£99
OVERDRIVE HD 360MB	£259

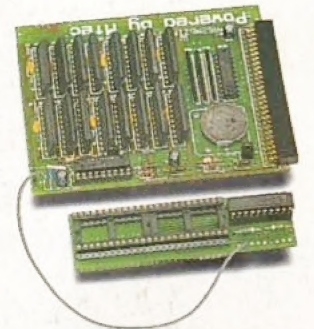
68020 A500/RAM



68020 A500

Full 68020 processor with MMU
Works with all A500's including A500+
Optional 68881 or 68882 FPU (PLCC or PGA)
Up to 8MB additional FAST RAM
No soldering required
Fully auto-configuring
Most programs speed up by 300%
Supports Motorola cache system
Supports Kickstart remapping, disable jumper

68020 A500 BARE	£99.95
68020 A500 4MB	£239.95
68020 A500 8MB	£399.95



A500 2MB RAM

A 2MB RAM board for the A500 which fits in the trap door slot.

A500 2MB RAM	£89.95
--------------	--------

new

AWARD winning PRODUCTS

44a/b Stanley St. Bedford MK41 7RW



telephone 0234 273000

facsimile 0234 352207

Delivery next day £5 2-3 days £2.50 Saturday £10
Deliveries are subject to stock availability

Cheques payable to Power Computing Ltd

Name

Address

Postcode

Telephone

System owned

Description

Cheque/PO for £ allow upto 7 days to clear

Credit card No.

Expiry date Sign

AMIGA FORMAT

ISSUE 68 ■ FEBRUARY 1995

AMIGA NEWS



Nick Veitch takes a long, hard and considered look at the World Of Amiga Show.

Show success

World Of Amiga report page 22. Nick Veitch live and direct from the Wembley extravaganza.

MAIN FEATURE

Get Wired page 30

Richard Baguley explains how you can explore the outer reaches of Cyberspace with your Amiga.



Set your sights on the brave new world of the Internet with your Amiga.

SERIOUSLY AMIGA

Introduction	89
Photogenics	90
We previewed it last issue, now Nick Veitch brings you the in-depth review of Almathera's new image processor.	
Videopilot	94
Steve McGill takes a look at the relaunched video edit controller.	
Personal Paint 6.1	100
Cloanto have added animation features and virtual memory management to their paint package.	
CanDo	103
Jason Holborn puts INOVATronics' new multimedia authoring system through its paces.	
GameSmith	107
Now you can write any type of game you want with HiSoft's game development system.	
Modems	110
Three new modems reviewed and rated.	
CDs	113
We round up all of the latest Amiga CD-ROMS.	
PageStream 3.0	115
The launch of PageStream 3.0c was a huge disappointment. But now Soft Logik have made improvements. Marcus Dyson investigates.	

SCREEN PLAY

Page 41



Those lovable little lemmings are back, but is it a welcome return? p62

Every new Amiga game reviewed and rated!



Battle Of The Beat-Em-Ups	42	DreamWeb (left): Is this new strategy game an ordinary tale of madness?	
The low-down on Amiga beat-em-ups.		The Lion King (right): Can the new Disney game live up to Aladdin's standards?	
Shadow Fighter	44	CD32 Games	69
Shaq Fu	45	Tower Assault, Super Stardust, Marvin's Marvellous Adventure.	
DreamWeb	48	Re-releases	72
The Lion King	52	Desert Strike, Dune II, Realms.	
Battle For The Ashes	58	GameBusters	75
Kick Off 3	60	Helping Hand	75
Lemmings 3	62		
Charts	66		

Coverdisk A: Datastore

13

Digita reckon they've come up with a database program with a difference. Make your own mind up by putting our exclusive *Datastore* demo through its paces.



Coverdisk B: Cannon Fodder 2

10

It's destined to be one of the biggest-selling Amiga games of all time and we've got four sensational levels of Sensible's brilliantly bloodthirsty shoot-em-up.



Get Wired!

Travel the Information Superhighway with your Amiga and Richard Baguley.

30

Battle Of The Beat-Em-Ups

42

Six of the best Amiga beat-em-ups pitted against two new contenders.

TUTORIALS

AMOS Professional

128

The first in a new series of tutorials for the powerful programming language from the AF67 Coverdisk.

DTP Tutorial

132

Want to produce your own fanzine? Marcus Dyson tells you how.

OctaMED Tutorial

136

In his final *OctaMED* tutorial Ed Wiles explores the Synthsound Editor.

AF OFFERS

Amiga Format Presents	18
Subscriptions	38
Back Issues	116
Readers' Offers	120
Books	142

REGULARS

Month In View	6
Coverdisk Extra	16
Jeff Walker Column	26
Tim Smith Column	23
Public Domain	81
Workbench	123
3D graphics	141
Letters	144
Gallery	146
Next Month	153
Advertisers' Index	154



AMIGA FORMAT

More people read *Amiga Format* than any other Amiga magazine on the planet!

Welcome to *Amiga Format*. By choosing this magazine you have just made a very wise decision: this is the world's most popular Amiga magazine. And that means more Amiga users know us, trust us and choose to read us than anyone else.

Why? Because *Amiga Format*'s readers know they can trust our judgment and buying recommendations. Because we thoroughly test products, for one thing, and because we're not afraid to tell the truth. No matter how harsh it may be.

The proof? Commodore itself regularly chooses *Amiga Format* to prepare special editions of the magazine to be bundled with its machines. And surveys have consistently shown that retailers trust *Amiga Format*'s reviews above any other magazine.

So you know you can read *Amiga Format* with confidence. Welcome to the world's biggest community of Amiga users!

Steve Jarratt, Editor

Future
PUBLISHING



This Month In View

After an all too brief stay on the world's best Amiga magazine Steve Jarratt is off to pastures new. See ya Steve!

Considering that Commodore is in a state of liquidation, no new machines are being produced and there are about three CD³²s on sale in the UK (if you can find them), it's been a surprisingly positive month for the Amiga.

First of all, we had the World Of Amiga Show at Wembley which happily boasted a turnout of over 6,000 loyal Amiga users. As well as highlighting the Amiga hardware, the show also played host to dozens of third-party companies flogging their wares, nearly all of whom had a new release on display.

Certainly there was no shortage of support for the machine, with everything from art packages to 060 accelerator cards to networking to a new SCSI link to the Roaster chip for the Opal card to an A1200 tower system on offer. Companies from the UK, Germany and the US were in evidence, and they were all doing good business: they came, they saw, they bought Amiga gear.

And if there were any A1200s to be had they too would have shifted in numbers. People want the Amiga. They want the 1200 and they would have paid handsomely to get one.

Industry paper *Computer Trade Weekly* recently released details of a poll they ran among 50 computer and video game specialist retailers from all over the country. When asked if they would like the Amiga back, a massive 82% of those polled said they did. And the reason is simple: they can sell Amigas. And then they can sell Amiga joysticks, mice, hard drives, accelerator boards, genlocks, digitisers – you name it. Then they can sell

Amiga software. And we all know what a great Christmas it's been for the Amiga, with dozens of top new games and quite a few stunning new serious applications to boot.

In the poll, the Amiga was the third best performing format behind (unsurprisingly) the Mega Drive and PC, but in front of (surprisingly) PC CD-ROM and Super Nintendo.

So the writing is on the wall for whoever gains control of the fate of our favourite machine: the future is looking bright. All they have to do is make the machines: retailers will stock them, the public will buy them and third-party companies will support them.

An example of this is the confidence-boosting story which reached us of the launch of *Cannon Fodder 2*. Sensible's game sold 45,000 copies in two days – the sort of feat normally equalled only by the massively-hyped titles from the Sega and Nintendo camps. Similarly, *Sensible World Of Soccer* shipped 64,000 units into retail and they're already ordering more! Lucky for them that the Amiga's a dead machine otherwise they'd have problems keeping up with demand...

This issue sees another couple of tweaks to your beloved mag. Firstly, we've redesigned Demo Zone and PD Update. I never quite saw the point of separating what were ostensibly two sides of the same coin, and so they now form the glorious new PD Select, which you can examine in detail on page 81.

Much as it looks like we've just redesigned the section for the sake of it, we have actually listened to your opinions. Hopefully, our Public Domain section should be easier to find your way around, thanks to headings for every new product and box-outs on the bigger/better items.

Similarly, following your comments on the new look of the games pages, we have reintroduced the ratings for graphics, sound, addiction and playability, and dumped the uppers and downers in favour of a final, says-it-all verdict.

Again, this should make *AF*'s review pages just about perfect, although we haven't finished yet. If you have any comment to make on *AF*'s design, content, writing style or whatever, don't be scared of writing in and telling us. We aim to make the mag better by giving you what you want. And if we don't know what you want we can't do that, can we?

And finally, I have to report that after nine glorious months at the helm of this esteemed organ, sadly, I'm off to pastures new. My time on *Amiga Format* has been a real eye-opener: I never dreamed that a collection of plastic and wires and silicon could engender such loyalty from its users.

And it's not the loyalty of people who simply enjoy using a computer. Amiga owners really love their machines – I could never see a PC or Mac or console owner having such affection towards their hardware. Perhaps it's the fact that rather than being produced by some faceless corporation, or designed by some far-eastern conglomerate, the Amiga is the product of a small group of dedicated people. People who made themselves available to the machine's users, and who put their heart and soul into sustaining the Amiga and kept the faith when all looked bleak.

I've really enjoyed my tenure on *Amiga Format*, and although I'm back off to console land, I'll still be keeping an eye on *AF* to make sure standards don't fall. See ya! 



Flight of fantasy?

No... with a Blizzard or Cyberstorm Accelerator, your Amiga will fly!

If you've ever sat and waited for your Amiga to catch up, you'll know that an extra boost of power would be just the ticket.

But, the only problem is the cost... isn't it?

Well not any more. When you compare our cost per MIP with other boards you'll be surprised at just how little you'll have to pay to enhance the performance of your Amiga computer.

Then, the sky's the limit!



BLIZZARD 1220/4 4Mb TURBO

The multi award-winning 1220/4 offers by far the best price/performance ratio of any A1200 32-Bit RAM expansion on the market. Of course the 1220/4 also incorporates everything else that a good memory expansion should too, such as a Real Time Clock, further RAM expandability, optional FPU etc. as well as offering a Clock Speed Doubling Circuit which runs the 32-Bit FAST RAM at an amazing 28MHz. Not only does the 1220/4 give Amiga A1200 owners all this, but the price has broken the sound barrier too!

- Integrated 28MHz 68EC020 32-Bit RAM Clock Speed Doubler for up to 300% overall performance increase
- Factory Installed/ Tested 4Mb of 32-Bit FAST RAM
- Expandable to 8Mb with Add-4 Board
- Integrated Battery Backed Real Time Clock
- Easy Trapdoor Installation, retains CBM Warranty
- Can be disabled in situ for full games compatibility

1220/4 Turbo £229.95

4Mb 32-Bit Fast RAM 28MHz 680EC20 CPU

Add-4 Board (extra 4Mb for 1220/4) £169.95

4Mb 32-Bit Fast RAM add-on

Motorola FPU £Call

68882 PLCC 25/33MHz

NEW...

BLIZZARD 1230-III TURBO ACCELERATOR MEMORY



The NEW BLIZZARD 1230-III TURBO ACCELERATOR MEMORY BOARD is the highest performing 68030 accelerator for the A1200. With its rapid 40 MHz 68EC030 CPU, or faster still 50MHz 68030 with MMU, it offers up to 500% performance increase overall. The 1230-III has further expansion options with its integral Fast Expansion Bus for Add-on Modules such as the SCSI-2 Controller (due for release early '95). With its industry standard SIMM socket it provides up to 32Mb of

auto-configuring 32-Bit FAST RAM.

- PGA FPU Socket up to 50MHz
- Instruction & Data Burst Modes
- Automatic, Kickstart Re-Mapping (can be disabled if required)
- Battery Backed Self Recharging Real Time Clock
- Easy Trapdoor Installation

1230-III Turbo 0Mb, 40MHz 68EC030 £189.95

1230-III Turbo 0Mb, 50MHz 68030 & MMU £229.95

SCSI-II Module for 1230-III £TBA

Motorola FPU 68882 PGA 25/30/50MHz £Call

4Mb SIMM RAM Expansion 32-Bit, 72 pin £129.95

LARGER SIMMS AVAILABLE £Call

FASTLANE Z3 SCSI CONTROLLER

Lightning FAST DMA SCSI-II interface for Amiga A4000 owners. Expandability up to 64Mb. of 32-Bit Fast RAM. Doesn't require any 'Buster Chip' upgrades. Use with hard drives, CD Rom etc

£299.95

BLIZZARD 4030 ACCELERATOR

FULL 50MHz 68030 with MMU ACCELERATOR for Amiga 4000 030's. Replaces the A4000's CPU and offers an FPU option. Approx. 50% overall performance increase when fitted with 50MHz 68882 PGA FPU.

From £219.95



CYBERSTORM 060 A4000 ACCELERATOR

Upgrade your A4000 030 or 040 with the new CYBERSTORM MODULAR ACCELERATOR, and you'll have "The Worlds Fastest Amiga". With its new 50MHz 68060 CPU (due February '95), it provides up to 10 Times the performance of standard A4000/030s (82.2 MIPS, compared to 15.4 MIPS!). Optional SCSI-2 and Ethernet I/O Module. Call and request our 4 page technical brochure. **£PHONE**

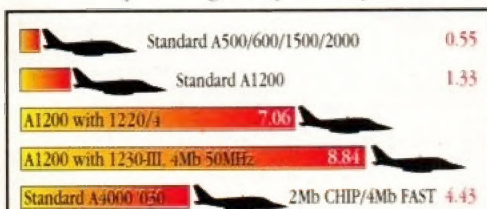
NEW... CYBERVISION64



For all Zorro-3 Amigas this 64-Bit high speed graphics engine/blitter has up to 1600 x 1200 pixels in 8-Bit colour or 1024 x 768 pixels in 24-Bit True Color, 2Mb of display memory (4Mb user upgradeable). Call and request our technical brochure. **Just £299.95**

The Blizzard Performance Advantage...

Just look below to see how well your Amiga really could fly!



The above are MIPS comparative performance figures using SysInfo.

gordon harwood computers
the UK's favourite Amiga Dealer

POST, FAX or PHONE YOUR ORDER TODAY!

Tel: 01 773 836781
Fax: 01 773 831040

Mr/Mrs/Miss/Ms: Initial(s): Surname:

Address:

County (Country)

Postcode:

Daytime Phone

Evening Phone:

Items required:

Card holder's signature:

Card No.:

Expiry Date:

Issue No.(Switch Only):

Department: amf

Cheque/Bank Draft/Postal Order for £ : payable to Gordon Harwood Computers Limited...

(All prices are UK including VAT and postage. Overseas customers please call to confirm pricing before ordering)

Gordon Harwood Computers Limited, New Street, Alfreton, Derbyshire DE55 7BP. Tel: 01 773 836781 Facsimile: 01 773 831040

Sensi
WORLD OF SOCCER
SAVE £10

CANNON FODDER
2
SAVE £10

PREMIER MGR 3
EURO AWAYS
SAVE £9

THEME PARK
23.99 ALL FORMATS

MONKEY ISLAND 2
BEST BUY
12.99

CANNON FODDER
T2
SETTLERS 2
CHAOS ENGINE
SAVE £9

RISE OF THE ROBOTS
SAVE £12

LION KING
SAVE £9

MORTAL KOMBAT 2
SAVE £9

SENSI WORLD OF SOCCER
19.99

CANNON FODDER 2
19.99

PREMIER MGR 3
16.99

THEME PARK
23.99 ALL FORMATS

MONKEY ISLAND 2
12.99

BEAU JOLLY COMP
25.99

RISE OF THE ROBOTS
27.49 OR 25.99 A1200

LION KING
20.49 A1200

MORTAL KOMBAT 2
20.99

TOWER ASSAULT
SAVE £5
14.99 OR 19.99 CD32

ZEEWOLF
SAVE £9
20.99

ALADDIN
SAVE £9
20.49 A1200

JUNGLE STRIKE
SAVE £7
18.49 OR 19.49 A1200

PGA EUROPEAN TOUR
SAVE £7
18.49 OR 19.49 A1200

SENSIBLE SOCCER
SAVE £21
4.99

UFO
ENEMY UNKNOWN
SAVE £11
23.99 A1200 19.99 CD32

WORLD OF LEMMINGS
SAVE £10
19.99

SIM CITY 2000
SAVE £11
23.99 A1200

TOWER ASSAULT
14.99 OR 19.99 CD32

ZEEWOLF
20.99

ALADDIN
20.49 A1200

JUNGLE STRIKE
18.49 OR 19.49 A1200

PGA EUROPEAN TOUR
18.49 OR 19.49 A1200

SENSIBLE SOCCER
4.99

UFO
23.99 A1200 19.99 CD32

WORLD OF LEMMINGS
19.99

SIM CITY 2000
23.99 A1200

RISE OF THE ROBOTS
SAVE £11
23.49 CD32

GUARDIAN
SAVE £11
18.49 CD32

MEGA RACE
SAVE £11
23.99 CD32

SUPER STARDUST
SAVE £11
18.99 CD32

SIMON THE SORCERER
SAVE £16
23.99 CD32

TRIVIAL PURSUIT
SAVE £16
10.99 CD32

JUNGLE STRIKE
SAVE £8
19.49 CD32

SUBWAR 2050
SAVE £9
20.99 CD32

POWER DRIVE
SAVE £10
19.99 CD32

RISE OF THE ROBOTS
23.49 CD32

GUARDIAN
18.49 CD32

MEGA RACE
23.99 CD32

SUPER STARDUST
18.99 CD32

SIMON THE SORCERER
23.99 CD32

TRIVIAL PURSUIT
10.99 CD32

JUNGLE STRIKE
19.49 CD32

SUBWAR 2050
20.99 CD32

POWER DRIVE
19.99 CD32

PLEASE NOTE
NOP = will not work on A500
Plus, A600 or A1200
NO12 = will not work on A1200
1 MB = requires 1 MB of RAM
= NEW Item
XS OFFER = XTRA SAVING ONLY IF
ORDERED PRIOR TO DATE
SHOWN

A1200 GAMES

AIR BUCKS V1.2	11.99
ALADDIN (XS OFFER - DEDUCT £3 UNTIL JAN 31)	20.49
ALIEN BREED 2	18.49
BANSHEE	18.49
BODY BLOWS	11.99
BODY BLOWS GALACTIC	18.99
BRUTAL FOOTBALL DELUXE	15.49
CAPTIVE 2 - LIBERATION	20.99
CHAOS ENGINE	18.49
CIVILISATION AGA	16.99
DETROIT	21.49
DREAMWEB	23.49
DUNGEON MASTER 2	23.49
EXILE	18.99
FIELDS OF GLORY	23.99
FOOTBALL GLORY	20.99
GUARDIAN	20.99
HEIMDALL 2 - BANE OF ASGARD	21.49
IMPOSSIBLE MISSION	23.99
ISHAR 2 - LEGIONS OF CHAOS	18.99
JAMES POND COLLECTION (JAMES POND 2 & 3)	13.99
JUNGLE STRIKE (XS OFFER - DEDUCT £3 UNTIL JAN 31)	19.49
LION KING (XS OFFER - DEDUCT £3 UNTIL JAN 31)	20.49
ON THE BALL - HARD DRIVE ONLY	20.49
- LEAGUE EDITION	20.49
- WORLD CUP EDITION	20.49
PGA EUROPEAN TOUR (XS OFFER - DEDUCT £3 UNTIL JAN 31)	19.49
PREMIER MANAGER 3 (XS OFFER - DEDUCT £3 UNTIL JAN 31)	16.99
RISE OF THE ROBOTS	25.99
ROAD KILL	20.99
SABRE TEAM	18.99
SIM CITY 2000 4 MB	23.99
SIMON THE SORCERER	23.99
SIMON THE SORCERER 2	23.99
SKELETON KREW	21.99
SOCCER KID	19.49
STAR TREK - 25TH ANNIVERSARY (HARD DRIVE ONLY)	23.99
SUB WAR 2050	23.49
SUPER STARDUST	18.99
TFX	25.99
THEME PARK	23.99
TOP GEAR 2 1 MB (XS OFFER - DEDUCT £3 UNTIL JAN 31)	17.49
UFO - ENEMY UNKNOWN (XS OFFER - DEDUCT £3 UNTIL JAN 31)	23.99
WEMBLEY - INTNL SOCCER	17.49

BOXING MASTERS (ESP) 1 MB •	18.99	OVERLORD	20.99
BRUTAL FOOTBALL	13.99	(XS OFFER - DEDUCT £3 UNTIL JAN 31)	20.99
BUMP 'N' BURN	15.99	PATRICIAN 1 MB	20.99
BURNTIME	9.99	PGA EUROPEAN TOUR	18.49
CAMPAIGN 2 1 MB	22.99	(XS OFFER - DEDUCT £3 UNTIL JAN 31)	18.49
CANNON FODDER 1 MB	15.99	PGA TOUR GOLF	11.49
CANNON FODDER 2 (XS OFFER - DEDUCT £3 UNTIL JAN 31)	19.99	PINBALL DOUBLE PACK 1 MB	17.49
CEASER DELUXE	9.99	(PINBALL DREAMS & FANTASIES)	17.49
CHAMP MANAGER 93/94 1 MB	9.99	PINBALL DREAMS 1 MB	13.99
CHAMPIONSHIP MANAGER 93/94	9.99	PINBALL FANTASIES	13.99
(END OF SEASON DATA DISK)	13.49	POISSON QUEST 1 MB	12.49
CHAMP MANAGER COLLECTION	9.99	POLICE QUEST 3 1 MB	12.99
(93/94 + UPDATE DISK) 1 MB	13.99	POWERDRIVE 1 MB	20.49
CHAMPIONSHIP MANAGER ITALIA	15.99	POWERMONSTER	11.49
93/94 1 MB	15.99	WW1 DATA DISK (NO12)	11.49
CHAMPIONSHIP MANAGER ITALIA	15.99	PREMIER MANAGER 2 1 MB	8.99
UPDATE DISK 1 MB •	18.49	PREMIER MANAGER 3 •	16.99
CHAOS ENGINE	9.99	(XS OFFER - DEDUCT £3 UNTIL JAN 31)	16.99
CHUCK ROCK	8.99	PRINCE OF PERSIA 1 MB •	6.99
CIVILISATION 1 MB	17.99	PROJECT X S/E 1 MB	10.49
CLASSIC COLLECTION - DELPHINE	19.49	RAILROAD TYCOON 1 MB (NOP)	11.99
FLASHBACK, CRUISE FOR A CORPSE,	19.49	REACH FOR THE SKIES	11.99
ANOTHER WORLD, OPERATION	19.49	REALMS 1 MB	10.49
STEALTH, FUTURE WARS) 1 MB •	19.49	RISE OF THE ROBOTS 1 MB •	27.49
CLASSIC COLLECTION - LUCAS ARTS	19.49	ROAD RASH	10.49
(MONKEY ISLAND, INDY JONES & THE	19.49	ROBOTS OF EQUIM 1 MB	20.99
LAST CRUISE, LOOM, MANIAC	19.49	RORKE'S DRIFT	10.49
MANSION, ZAK MCKRACKEN) 1 MB •	19.49	RUFF AND TUMBLE 1 MB •	18.49
CLUB FOOTBALL 1 MB	19.49	RUGBY LEAGUE COACH 1 MB	18.99
COMBAT CLASSICS 2 1 MB	20.99	SABRE TEAM	15.99
(SILENT SERVICE 2, F19 STEALTH	20.99	SCRABBLE (US GOLD)	19.49
FIGHTER, PACIFIC ISLAND)	20.99	SECOND SAMURAI 1 MB (NO12)	9.49
COMBAT CLASSICS 3	21.99	SECRET OF MONKEY ISLAND 1 MB	12.99
(HISTORYLINE, CAMPAIGN,	21.99	SECRET OF MONKEY ISLAND 2 1 MB	12.99
GUNSHIP 2000) 1 MB •	21.99	SENSIBLE GOLF 1 MB	20.49
CRICKET MASTERS (ESP) 1 MB	18.99	SENSIBLE SOCCER	4.99
DAWN PATROL 1 MB	22.99	- '92/93 SEASON	4.99
DESERT STRIKE 1 MB	10.99	- INTERNATIONAL EDITION 1 MB	14.99
DETROIT 1 MB	21.49	SENSIBLE WORLD OF SOCCER 1 MB	19.99
DOGFIGHT 1 MB	12.99	SETTLERS	16.99
DREAMWEB 1 MB	22.99	SHADOWWORLDS (NO12)	3.99
DUNE 2 1 MB	20.99	SILENT SERVICE 1 MB	11.99
ELITE	5.99	SIM CLASSICS 3 IN 1	11.99
ELITE 2 (FRONTIER) 1 MB	14.99	SIM CITY CLASSIC, SIM LIFE,	23.99
EMBRYO	18.99	SIM ANT 1 MB	21.99
EYE OF THE BEHOLDER 1 MB	12.49	SIMON THE SORCERER (1 MB)	21.99
EYE OF THE BEHOLDER 2 1 MB	12.49	SIMON THE SORCERER 2 1 MB	21.99
F1 (DOMARK) 1 MB	17.99	SKID MARKS 1 MB	13.99
F1 F1 STEALTH FIGHTER 2.0 1 MB	12.99	SKID MARKS DATA DISK 1 MB	13.99
FIELDS OF GLORY •	23.49	SLEW-WALKER	8.99
FIFA INTNL SOCCER 1 MB	23.49	SOCCER KID	9.99
FOOTBALL GLORY 1 MB	18.99	SPACE LEGENDS	11.99
FOOTBALL MASTERS 1 MB •	18.99	WING COMMANDER,	11.99
FORMULA 1 - WORLD CHAMP	20.99	SYNTHETIC ELITE 1 MB	9.99
EDITION •	20.99	SPEEDBALL 1 & 2	9.99
FORMULA 1 GRAND PRIX	13.49	SPORTS MASTERS	13.99
FORMULA 1 MASTERS 1 MB •	18.99	PGA GOLF, INDY 500, ADV. TENNIS,	13.99
GOAL	8.99	EURO CUPS 1992 1 MB	13.99
GRAHAM GOOCH - TEST MATCH	18.99	STABLE MASTERS 1 MB •	18.99
SPECIAL 1 MB	18.99	STARLORD 1 MB	22.99
GRAHAM GOOCH DATA DISK	12.99	STREET FIGHTER 2	11.49
GUNSHIP 2000 1 MB	14.99	STRIP FROG 1 MB	16.99
HEART OF CHINA 1 MB	12.99	SUPER SKIDS	20.49
HEIMDALL 2 1 MB	21.49	SKIDMARKS + EXTRA CARS &	20.49
HEROQUEST 2 1 MB	16.99	TRACKS) 1 MB	20.49
HIREDD GUNS 1 MB	11.99	SUPREMACY 1 MB	10.49
HISTORYLINE 1914-18 1 MB	21.99	SWIV (NOP)	2.99
HOOK	6.99	TACTICAL MANAGER	23.99
IMPOSSIBLE MISSION 1 MB	20.49	- ENGLISH LEAGUE 1 MB	18.49
INDY JONES FATE OF ATLANTIS	24.49	- ITALIAN LEAGUE 1 MB	18.99
ADVENTURE 1 MB	24.49	TETRIS - 7 COLOURS	16.99
ISHAR 2 1 MB	11.49	THE BLUE & THE GREY 1 MB	21.49
ISHAR 3 1 MB	20.99	THE GREATEST	14.49
JAGUAR XJ220 1 MB	9.49	JIMMY WHITES, LURE OF THE	14.49
JIMMY WHITES SNOOKER (NO12)	11.49	TEMPRESS, DUNE 1 MB	14.49
JOHN MADDEN'S (U.S.) FOOTBALL	10.49	THEME PARK 1 MB	23.99
JUNGLE STRIKE	18.49	TIGER 2	16.99
(XS OFFER - DEDUCT £3 UNTIL JAN 31)	18.49	(XS OFFER - DEDUCT £3 UNTIL JAN 31)	16.99
K240 (UTOPIA 2) 1 MB	13.49	ULTIMA 5 (NO12)	5.99
KGB	11.49	UNIVERSE 1 MB	22.49
KINGMAKER 1 MB	21.99	VALHALLA 1 MB	18.99
KINGS QUEST 6 1 MB	22.99	VALHALLA 2 1 MB •	23.99
KNIGHTS OF THE SKY 1 MB	12.49	VITAL LIGHT 1 MB	16.99
LEGENDS OF VALOUR 1 MB (NO12)	11.99	WALKER	7.99
LEISURE SUIT LARRY 3 1 MB	12.49	WEMBLEY - RUGBY LEAGUE 1 MB	17.49
LEMMINGS 2	9.99	WING COMMANDER 1 1 MB	6.99
LINKS - (GOLF) (HARD DRIVE	12.49	WINTER OLYMPICS	21.99
REQUIRED) 1 MB	12.49	WORLD CUP YEAR 94	16.99
LOMBARD RAC RALLY	6.99	GOLF, CHAMP MANAGER 94 +	16.99
LORDS OF THE REALM 1 MB	21.49	DATA DISK, STRIKER, SENSIBLE	16.99
MONOPOLY	18.49	SOCCER 1 MB	16.99
MORTAL KOMBAT 1 MB	20.49	ZEWOOL 1 MB •	20.99
MORTAL KOMBAT 2 1 MB •	20.99	ZOOL 1 MB	6.99
MR BLOBBY	13.99	ZOOL 2 MB	6.99
NEW WORLD OF LEMMINGS 1 MB	19.99		
ON THE BALL	18.99		
- LEAGUE EDITION 1 MB	18.99		
- WORLD CUP EDITION 1 MB	18.99		

AMIGA CD32 CD's

A.T.R. (TEAM 17)	20.99
ALIEN BREED - TOWER ASSAULT	19.99
ALIEN BREED S/E & QWAK	17.99
ARABIAN NIGHTS (AGA)	11.99
ARCADE POOL	11.99
BADDIEL & SKINNER	21.99
BANSHEE	18.99
BATTLECHESS	19.99
BENEATH A STEEL SKY	21.99
BRUTAL FOOTBALL	19.49
BUBBA 'N' STIX	12.99
BUBBLE AND SOUAK	12.99
CANNON FODDER	21.99
CAPTIVE 2 - LIBERATION	22.99
CD EXCHANGE (VOLUME 1): COMPILATION OF SHAREWARE AND PUBLIC DOMAIN SOFTWARE. CONTAINS OVER 300 MUSIC MODULES, PICTURES, ANIMATIONS AND GAMES	14.99
CHAOS ENGINE	17.99
CHUCK ROCK 2	18.99
D/GENERATION	17.99
DISPOSABLE HERO	13.99
DIZZY - THE BIG SIX	12.49
DONK	19.49
DRAWNSTONE	18.99
DREAMWEB	23.99
ELITE 2 (FRONTIER)	14.99
FIELDS OF GLORY	20.99
FIRE AND ICE	17.99
FURRY - THE FURRIES	18.49
GUNSHIP 2000	19.99
HEIMDALL 2 - BANE OF ASGARD	21.99
HUMANS 1 & 2	19.99
IMPOSSIBLE MISSION	19.99
JAMES POND 3	22.99
JUNGLE STRIKE (XS OFFER - DEDUCT £3 UNTIL JAN 31)	19.49
KID CHAOS	19.99
LAVINIA OF TIME	19.49
LEMMINGS	9.99
LITIL DILV	18.99
LOTUS TRILOGY (LOTUS 1, 2, 3)	18.99
MAN UT PREMIER LEAGUE CHAMPIONS	19.99
MASTER AXE	18.99
MEGA RACE	18.99
MICROCOSM	32.99
MICRO FIGHT CD (8 TO ADULT): FIRST EVER LANGUAGE COURSE FOR THE CD-32. FEATURES REAL SPEECH. COMPLETE WITH GCSE PHRASE BOOK	26.99
NICK FALDO'S GOLF	23.99
OVERKILL & LUNC-N	19.99
PINBALL FANTASIES	19.99
PIRATES GOLD	15.99
POWERDRIVE	19.99
PREMIERE	11.99
PROJECT X S/E AND F1 CHALLENGE	17.99
RISE OF THE ROBOTS	25.99
ROAD KILL	20.99
ROBOCOD (JAMES POND 2)	13.99
SABRE TEAM	19.99
SECOND SAMURAI	18.99
SENSIBLE SOCCER INTNL EDITION	17.99
SIMON THE SORCERER	23.99
SKELETON KREW	21.99
SOCCER KID	19.99
SPEEDBALL 2	13.49
STRIKER	12.99
SUB WAR 2050	23.49
SUPER FROG	11.99
SUPER STARDUST	18.99
THEME PARK	23.99
TOP GEAR 2 (XS OFFER - DEDUCT £3 UNTIL JAN 31)	18.99
TRIVIAL PURSUIT	10.99
UFO - ENEMY UNKNOWN (XS OFFER - DEDUCT £3 UNTIL JAN 31)	23.99
ULTIMATE BODY BLOWS	18.49
UNIVERSE	21.99
VITAL LIGHT	18.99
WEMBLEY - RUGBY LEAGUE 1 MB	17.49
WING COMMANDER 1 1 MB	6.99
WINTER OLYMPICS	21.99
WORLD CUP YEAR 94	16.99
GOAL, CHAMP MANAGER 94 + DATA DISK, STRIKER, SENSIBLE SOCCER 1 MB	16.99
ZEEWOLF 1 MB	20.99
ZOO 1 MB	6.99
ZOO 2 1 MB	9.99

AMIGA CD32 CD's

A.T.R. (TEAM 17) 20.99
ALIEN BREED - TOWER ASSAULT 19.99
ALIEN BREED S/E & QWAK 17.99
ARABIAN NIGHTS (AGA) 11.99
ARCADE POOL 11.99
BADDIEL & SKINNER 21.99
BANSHEE 18.99
BATTLECHESS 19.99
BENEATH A STEEL SKY 21.99
BRUTAL FOOTBALL 19.49
BUBBA 'N' STIX 12.99
BUBBLE AND SOUAK 12.99
CANNON FODDER 21.99
CAPTIVE 2 - LIBERATION 22.99

A1200 APPLICATIONS

BRILLIANCE V.2 AGA. PREMIER PROFESSIONAL ART PACKAGE. (2 MB, HARD DRIVE REQUIRED) 48.99
VISTA PRO (LITE). CREATE SPECTACULAR VIRTUAL WORLDS WITH THIS POWERFUL SCENERY CREATOR AND ANIMATOR. (2 MB, HARD DRIVE REQUIRED) 26.99
WORDWORTH V.2 AGA WORD PUBLISHER (1 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED) 38.99
WORDWORTH V.3.1 AGA WORD PUBLISHER. PREMIER TOP QUALITY WORD PUBLISHER PACKAGE. (2 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED) 57.99

AMIGA APPLICATIONS

AMOS - PROFESSIONAL. POWERFUL GAMES CREATOR (1 MB, INSTALLABLE)	29.99
AMOS - COMPILER PROFESSIONAL. COMPILES AND SPEEDS UP PROGRAMS WRITTEN IN AMOS. EASY AMOS OR AMOS PRO. (1 MB, INSTALLABLE)	25.99
AMOS - EASY. EASY TO USE VERSION OF AMOS WITH FULL TUTORIAL. (1 MB, INSTALLABLE)	23.99
DATABASE DATABASE SYSTEM. SIMPLE TO USE, FULLY FEATURED, THOROUGH DATABASE SYSTEM FEATURING A WORDWORTH LIKE INTERFACE. (1 MB, INSTALLABLE)	39.99
DELUXE PAINT 3. VERY POWERFUL ART AND ANIMATION PACKAGE WITH EXTENSIVE FEATURES. A BEST SELLER AND TOP AWARD WINNER MANY FONT AND PRINTING OPTIONS AND SAMPLE ANIMATION AND ART INCLUDED. (1 MB, INSTALLABLE) ... EXCELLENT VALUE	9.99
DELUXE PAINT 4. EXTENSIVELY FEATURED, DESIGN, PAINT AND ANIMATE IN UP TO 4096 COLOUR HAM MODE. (1 MB, INSTALLABLE)	53.99
DELUXE PAINT 5. PREMIER ART, DESIGN AND ANIMATION PACKAGE FEATURING FULL 24 BIT TRUE COLOUR RGB EDITING. (2 MB, INSTALLABLE, WORKBENCH 2.04+) ... EXCELLENT VALUE	57.99
FINAL WRITER (RELEASE 3). COMPREHENSIVE WORD PUBLISHING SYSTEM WITH OVER 100 FREE TYPEFACES. (2 MB MIN, 4 MB OR MORE RECOMMENDED, HARD DRIVE REQUIRED)	69.99
HANNA BARBERA ANIMATION WORKSHOP. EXCELLENT ANIMATION PACKAGE CAPABLE OF CREATING CARTOONS AND QUALITY ANIMATIONS. (1 MB)	29.99
HOME ACCOUNTS. THE ORIGINAL VERSION OF THIS BEST SELLING MONEY MANAGING APPLICATION. (INSTALLABLE) ... EXCELLENT VALUE	2.99
KEYWORDS 3. FULLY FEATURED VALUE FOR MONEY WORD PUBLISHER. (1 MB, INSTALLABLE)	25.99
MAXIPLAN 4. COMPLETE SPREADSHEET, BUSINESS GRAPHICS AND DATABASE SYSTEM. (1 MB, INSTALLABLE)	25.99
MINI OFFICE. INTEGRATED WORD PROCESSOR, SPREADSHEET, DATABASE AND DISK UTILITIES. (1 MB, INSTALLABLE)	36.99
MONEY MATTERS (HOME ACCOUNTS 3). 1 MB, INSTALLABLE	36.99
PEN PAL. EASY TO USE WORD PROCESSOR WITH MANY FUNCTIONS. (1 MB, INSTALLABLE)	29.99
PUBLISHER (PAGE LAYOUT PACKAGE). FOR NEWSLETTERS, FLYERS ETC. (NO12, 1 MB, EXTERNAL DISK OR HARD DRIVE REQUIRED)	23.99

AMIGA EDUCATIONAL

N/C = NATIONAL CURRICULUM

10 OUT OF 10 - DRIVING TEST (16+)	19.99
(1 MB, INSTALLABLE)	
10 OUT OF 10 - EARLY ESSENTIALS (5-7). IDEAL FOUNDATION FOR CHILDREN TO BUILD ON. (1 MB, INSTALLABLE)	19.99
10 OUT OF 10 - ENGLISH (6-16). N/C. (1 MB, INSTALLABLE)	19.99
10 OUT OF 10 - FRENCH (8-16). N/C. (1 MB, INSTALLABLE)	19.99
ATTAINMENT TARGETS 3&4. (1 MB, INSTALLABLE)	19.99
10 OUT OF 10 - JUNIOR ESSENTIALS (5-11). BUILDING FOUNDATIONS FOR MANY AREAS OF THE NATIONAL CURRICULUM. (1 MB, INSTALLABLE)	19.99
10 OUT OF 10 - MATHS NUMBERS (6-16). N/C. (1 MB, INSTALLABLE)	19.99
ADI ENGLISH (11-12)	18.99
ADI FRENCH (12-13)	19.99
ADI GCSE ENGLISH PACK (14-16) (1 MB)	23.99
ADI GCSE FRENCH PACK (14-16) (1 MB)	23.99
ADI GCSE MATHS PACK (14-16) (1 MB)	23.99
ADI JUNIOR READING (4-5)	15.99
ALVINS PUZZLES (6-8). TWO GAMES TEACHING LOGIC, SPELLING AND READING. FREE GAME VOUCHER	15.99
FUN SCHOOL 4 (2-5)	17.99
FUN SCHOOL 4 (5-7)	17.99
FUN SCHOOL 4 (7+)	17.99
FUN SCHOOL SPECIAL - MERLIN'S MATHS (7-11)	18.99
FUN SCHOOL SPECIAL - SPELLING FAIR (7-13)	18.99
MEGA MATHS A' LEVEL (16+) (1 MB)	19.99
MICRO FRENCH (8 TO ADULT). N/C. WITH SPEECH (1 MB)	19.99
MICRO GERMAN (8 TO ADULT). N/C. WITH SPEECH (1 MB)	19.99
MICRO MATHS (11+). N/C (1 MB)	19.99
NODDY'S BIG ADVENTURE (3+)	19.99
(1 MB, INSTALLABLE)	
NODDY'S PLAYTIME (3+)	19.99
EDUCATIONAL ADVENTURE. (INSTALLABLE)	19.99
PAINT POT 2 (4-10). AN EXCITING AND FUNNY ART PACKAGE FEATURING FRIENDLY AND HUMOROUS PRESENTATION. FREE GAME VOUCHER	15.99
WHICH WHERE WHAT (4-6). THREE ENCHANTING AND COMPELLING GAMES. FREE GAME VOUCHER	15.99

AMIGA BOOKS

A-TRAIN OFFICIAL STRATEGY GUIDE	17.99
AMIGA DOS REFERENCE GUIDE (4TH EDITION)	19.99
AMIGA GAMES. HINTS, TIPS, CHEATS AND ADVENTURE SOLUTIONS	9.99
AMIGA HARD DRIVES INSIDER GUIDE. A COMPREHENSIVE AND THOROUGH GUIDE TO GETTING THE BEST FROM YOUR HARD DRIVE	12.99
AMOS IN ACTION (A COMPREHENSIVE GUIDE TO USING AMOS WITH EXAMPLES)	11.99
CANNON FODDER OFFICIAL GUIDE	10.99
CIVILISATION GUIDE BOOK BY SID MEIERS	17.99
CORISH'S COMPUTER GAMES GUIDE (HINTS, TIPS AND POKES FOR OVER 600 COMPUTER GAMES)	12.99
DUNGEON MASTER HINT BOOK	3.99
EYE OF THE BEHOLDER HINT BOOK	9.99
EYE OF THE BEHOLDER 2 HINT BOOK	9.99
GUNSHIP 2000 OFFICIAL STRATEGY GUIDE	14.99
INDIANA JONES FATE OF ATLANTIS HINT BOOK. WALKTHROUGH SOLUTION SPECIAL RESERVE CLUB VERSION	3.99
MASTERING AMIGA C	14.99
MASTERING AMIGA PRINTERS	16.99
SECRET OF MONKEY ISLAND 2 HINT BOOK	9.99
SECRET OF MONKEY ISLAND HINT BOOK	9.99
SECRETS OF FRONTIER (ELITE 2)	19.99
SIMCITY 2000 OFFICIAL HANDBOOK. A COMPREHENSIVE GUIDE TO SIMCITY 2000 WITH LOTS OF HINTS AND TIPS	15.99
SYNDICATE PLAYERS GUIDE	15.99

NEW SUPER AMIGA CD

SUPER AMIGA CD SX-1 BUNDLE

ALL THE POWER AND FLEXIBILITY OF AN AMIGA A1200 COMBINED WITH THE CAPABILITIES OF A CD32.

COMPRISES

- CD32 CD CONSOLE
- SX-1 EXPANSION MODULE
- EXTERNAL 3.5" DISK DRIVE
- KEYBOARD, MOUSE, JOYPAD

PLUS MICROCOSM, CANNON FODDER, LIBERATION, PROJECT X, ULTIMATE BODY BLOWS, OSCAR AND DIGGERS (DOES NOT INCLUDE MOUSE MAT OR MONITOR)

UPGRADEABLE BY ADDING

- EXTRA 4 MEGABYTES OF RAM FOR SX-1 (119.99)
- INTERNAL 2.5" HARD DRIVE (A1200 VERSION)
- FULL MOTION VIDEO (STD CD32 FMV CART)

SUPER AMIGA CD SX-1 BUNDLE 2/0 ... 480.00

NEW CRITICAL ZONE PACK

NEW TECH AT AN OLD TECH PRICE

WITH 5 TOP TITLES

AMIGA CD32

CD BASED CONSOLE WITH A1200 32-BIT POWER, 282,000 COLOURS FROM A PALLETTE OF 16.7 MILLION, 2 MB RAM, FAST 14 MHz 68020 PROCESSOR. PLAYS AUDIO CD'S VIA ON SCREEN DISPLAY AND DIGITAL VIDEO CD'S WITH OPTIONAL FMV ADAPTOR.

SAVE £30

AMIGA CD-32 CRITICAL ZONE PACK ... 220.00

WITH MICROCOSM, CANNON FODDER, LIBERATION, PROJECT X, ULTIMATE BODY BLOWS, OSCAR, DIGGERS AND ONE PAD

FMV MODULE - STOCKS EXPECTED IN THE NEW YEAR

COMMODORE CONTROL PAD FOR CD-32 ... 13.99

DYNAMICS CONTROL PAD FOR CD-32 (SHOWN) ... 16.99

SX-1 EXPANSION MODULE FOR CD-32 ... 189.99

TRANSFORMS CD-32 INTO A FULLY FUNCTIONAL A1200 COMPATIBLE COMPUTER ALLOWING CONNECTION OF EXTERNAL FLOPPY DRIVE, INTERNAL AND EXTERNAL IDE HARD DRIVE, KEYBOARD, MODEM/SERIAL DEVICES, PRINTERS, RGB MONITORS AND UP TO 8 MB MEMORY

KEYBOARD (WHITE) FOR SX-1 ... 29.99

4 MB RAM EXPANSION FOR SX-1 OR A4000 ... 119.99

EASY INSTALLATION. SUITS ALL A4000 AND SX-1

PREMIER COMBI CENTRE FOR CD-32 & SX-1 ... 44.99

STRONG STAND FOR CD-32 AND SX-1 EXPANSION UNIT ALLOWING A NEAT AND TIDY SYSTEM SETUP. MONITOR STAND AND SLIDING SHELF FOR DISC LOADING. EASY SELF ASSEMBLY

EXTERNAL 3.5" DISK DRIVE FOR ANY AMIGA OR SX-1

SONY/CITIZEN MECHANISM. 880K FORMATTED. QUIET, HIGH QUALITY, SLIM LINE COLOUR MATCHED METAL CASE AND LONG REACH CABLE

49.99

INTERNAL 3.5" DISK DRIVE FOR A500 ... 39.99

INTERNAL 3.5" DISK DRIVE FOR A600 OR A1200 ... 49.99

SPECIAL RESERVE

BRITISH MADE ERROR FREE

PACK OF 50 SPECIAL RESERVE 3.5" DSDD DISKS WITH LABELS

19.99

PACK OF 10 SPECIAL RESERVE 3.5" DSDD DISKS WITH LABELS & FREE PLASTIC FLIP TOP DISK BOX ... 6.99

PACK OF 10 TDK 3.5" DSDD DISKS WITH LABELS ... 6.99

3.5" DISK HEAD CLEANER ... 5.99

HIGH DENSITY DISKS ALSO AT KEENE'S PRICES

OVERDRIVE V.3 HIGH SPEED HARD DRIVES FOR A1200 AND A600

"THE FASTEST DRIVE EVER REVIEWED BY CU" 3.5" QUALITY IDE HARD DRIVE. AVERAGE ACCESS TIME 12MS. STYLED TO MATCH AMIGA. EASY INSTALLATION - PLUGS INTO PCMCIA SLOT. A/C TOOLS AND 1 YEAR WARRANTY (NOW FOR A600 TOO)

OVERDRIVE V.3 170 MB EXTERNAL HARD DRIVE FOR AMIGA A1200 OR A600 ... 199.99

OVERDRIVE V.3 420 MB EXTERNAL HARD DRIVE FOR AMIGA A1200 OR A600 ... 244.99

INTERNAL HARD DRIVES FOR AMIGA A1200 & A600

HARD DRIVES: HIGH SPEED 2.5" DRIVE, 15 MS ACCESS TIME (APPROX). 1 YEAR WARRANTY. KIT COMPLETE AND EASY TO FIT. DRIVES FULLY PREPARED. NOTE THAT OPENING YOUR AMIGA MAY INVALIDATE THE WARRANTY.

INTERNAL DRIVES FOR A1200 OR SX-1

INTERNAL DRIVES FOR AMIGA A600

64 MB WITH 32K CACHE ... 119.99

80 MB WITH 64K CACHE ... 134.99

120 MB WITH 64K CACHE ... 169.99

64 MB WITH 32K CACHE ... 119.99

80 MB WITH 64K CACHE ... 134.99

120 MB WITH 64K CACHE ... 169.99

ALFA MEGAMOUSE

400, 400 DPI, HIGH QUALITY MOUSE

13.49

EKLIPSE MOUSE, MICROSWITCHED

290 DPI ... 10.99

LOGIC 3 SPEED MOUSE, 300DPI

2 MICROSWITCHED BUTTONS ... 12.99

MOUSE MAT WITH SPONGE BACKING

4.99

ALFA OPTICAL MOUSE 300DPI, NO MOVING PARTS, VERY SMOOTH

29.99

CD WALLETS WITH INDIVIDUAL PADDED POCKETS IDEAL FOR USE IN HOME OR CAR

48 CAPACITY ... 12.99

24 CAPACITY ... 9.99

BEST BUY

DISK & CD STORAGE

DISK BOX (10) PLASTIC FLIP TOP ... 2.99

DISK BOX 3.5" (120) LOCKABLE, DIVIDERS ... 9.99

MEDIA LIFE DRAWER

200 CAPACITY 3.5" DISKS ... 16.99

MEDIA LIFE DRAWER

30 CAPACITY CD 14.99

DELUXE DISK BOX

HOLDS 120 3.5" DISKS, WITH DIVIDERS ... 9.99

QUICKSHOT 137F PYTHON WITH AUTOFIRE

9.99

CHEETAH BUG MICROSWITCHED WITH AUTOFIRE

13.99

SCORPION PLUS ARCADE STYLE WITH TURBO FIRE

10.99

QUICKSHOT 128F MAVERICK 1 WITH AUTOFIRE

11.99

FREEWHEEL STEERING WHEEL (DIGITAL) SUITS MOST DRIVING GAMES

21.99

SAITEK MEGAGRIP 2 WITH AUTOFIRE

11.99

BOLLISTICK HANDHELD JOYSTICK MICROSWITCHED WITH AUTOFIRE

11.99

KONIX SPEEDKING JOYSTICK WITH AUTOFIRE

11.99

QUICKJOY JET FIGHTER MICROSWITCHED AUTOFIRE

12.99

SLIK STICK JOYSTICK

6.99

KONIX SPEEDKING ANALOGUE JOYSTICK ENABLES PROPORTIONAL CONTROL ON SUITABLE SOFTWARE

14.99

ALPHA CRYSTAL TRACKBALL, COMPATIBLE WITH ALL MOUSE OPERATIONS

29.99

QUICKJOY FOOT PEDAL FOR AMIGA OR ST, WORKS WITH JOYSTICK

14.99

QUICKSHOT SOUNDMATE 4 STEREO SPEAKERS (PAIR) FOR AMIGA, CD-32 OR PERSONAL STEREO. VOLUME AND BALANCE, BASS AND TREBLE BOOST, 4W-4W MUSIC

17.99

SCREENBEAT 3 STEREO SPEAKERS (PAIR) FOR AMIGA, CD32 OR PERSONAL STEREO

14.99

SCREENBEAT MAINS ADAPTOR FOR SCREENBEAT SPEAKERS

7.99

SEGA 32X EXPANSION MODULE FOR MEGADRIEVE NOW 149.99

ATARI JAGUAR NOW 179.99 PANASONIC REAL 3DO NOW 385.99

TRAP DOOR MEMORY EXPANSION

512K AMIGA RAM NO CLOCK FOR A500 OR A500+ ... 19.99

512K AMIGA RAM + CLOCK FOR A500 OR A500+ ... 23.99

1 MB A500 PLUS RAM UPGRADE + CLOCK ... 34.99

1 MB A600 RAM UPGRADE + CLOCK ... 44.99

4 MB RAM BOARD FOR A1200 WITH CLOCK ... 179.99

4 MB + FPU RAM FOR A1200. FAST 33MHz FLOATING POINT MATHS & GRAPHICS ACCELERATION. COMPATIBLE WITH OVERDRIVE HARD DRIVES ... 235.99

LEADS

ANTI-SURGE 4 WAY MULTIPLUG EXTENSION ... 22.99

HI-FI AUDIO LEAD - AMIGA CD32/ST TO STEREO

(1.5 METRES, 2 X PHONO PLUGS TO 2 X PHONO PLUGS) CAN ALSO BE USED TO CONNECT STEREO VIDEO TO HI-FI. AND HI-FI SEPARATES TOGETHER ... 3.99

JOYSTICK SPLITTER CABLE FOR AMIGA OR ST. CONNECTS 2 JOYSTICKS TO 1 PORT

7.99

ROBOSHIFT INTERFACE FOR AMIGA OR ST. PLUGS MOUSE AND JOYSTICK INTO ONE PORT

13.99

PORT EXTENSION ADAPTOR FOR AMIGA OR ST (PACK OF TWO) EXTENDS BY 21 CM

7.99

ANALOGUE JOYSTICK ADAPTOR FOR AMIGA. ALLOWS ANY 15-PIN PC JOYSTICK TO BE USED WITH GAMES THAT FEATURE ANALOGUE CONTROL

8.99

NULL MODEM CABLE 25-PIN. (CONNECTS 2 COMPUTERS FOR HEAD TO HEAD PLAYING ON CERTAIN GAMES SUCH AS POPULOUS, FALCON, KNIGHTS OF THE SKY, FORMULA 1 GRAND PRIX AND VROOM)

9.99

PRINTER LEAD (PARALLEL) 1.5 METRES

5.99

PRINTER LEAD (PARALLEL) 5 METRES

9.99

SCART LEAD - AMIGA CD32 TO TV WITH SCART

9.99

SCART LEAD - AMIGA TO TV WITH SCART INPUT

9.99

TV LEAD - AMIGA CD-32 TO SVHS TV OR VIDEO

9.99

2 WAY SCART SPLITTER - ENABLES TWO SCART LEADS TO BE SWITCHED INTO ONE SOCKET

11.99

RGB EXTENDER CABLE FOR A500 OR A500 PLUS. ALLOWS TV MONITOR TO BE EXTENDED FROM BACK OF MACHINE OR EXTENSION TO RGB MONITOR OR EXTERNAL DISK DRIVE

13.99

POWER SUPPLY

ZYDEC AMIGA POWER SUPPLY (SPECIAL COOL RUNNING TRANSFORMER) ... 32.99

COMPUTER CARE

CLEANING KIT FOR COMPUTERS (WITH VACUUM) ... 18.99

DUST COVER FOR 80 COLUMN PRINTER (CLEAR) ... 5.99

DUST COVER FOR A1200 (CLEAR PVC) ... 5.49

DUST COVER FOR A600 (CLEAR PVC) ... 5.49

DUST COVER FOR A500 OR ATARI ST (CLEAR PVC) ... 5.49

DUST COVER FOR MONITOR (CLEAR PVC) ... 6.99

MOUSE HOUSE (HANDY PLACE TO STORE YOUR MOUSE) ... 4.99

CONTROL CENTRES

PREMIER UNI-CENTRE FOR AMIGA, STRONG UNIVERSAL STAND FOR COMPUTER, MONITOR STAND AND SHELF FOR EXTERNAL PERIPHERALS ... 39.99

PREMIER UNI-CENTRE PLUS (EXTRA WIDE) ... 44.99

SOUND SAMPLER

TECHNOSOUND TURBO 2 SOUND SAMPLER. REAL TIME SPECIAL EFFECTS. WORKS WITH ANY AMIGA. 1 MB RAM REQUIRED ... 29.99

FRAME GRABBER

PROGRAB 24RT COLOUR DIGITISER. 24 BIT REAL TIME FRAME GRABBING SYSTEM. DIGITISES SINGLE FRAMES OR ANIMATIONS FROM VIDEO SOURCE. SUPPORTS 24 BIT FILE AND AGA SCREEN MODES ... 124.99

SCANNER

ZYDEC HANDY SCANNER FOR ANY AMIGA. 100-400 DPI. HIGH QUALITY RESOLUTION. 84 SIMULATED GREYSCALES. INCLUDES DATASCAN PRO SOFTWARE ... 99.99

LOGIC 3 SUBWOOFER STEREO SPEAKER CONSOLE FOR AMIGA, CD-32, PC, CD, 3DO, OR PERSONAL STEREO. 50 WATTS, MAGNETICALLY SHIELDED WITH TONE, BALANCE AND VOLUME CONTROLS. MAINS ADAPTOR SUPPLIED

69.99

QUICKSHOT SOUNDSTOR STEREO SPEAKER CONSOLE FOR AMIGA, CD-32, PC, CD, 3DO, 10 WATTS.

39.99

SHIELDED WITH BASS, TREBLE, BALANCE, VOLUME CONTROLS. MAINS ADAPTOR SUPPLIED

39.99

SCREENBEAT 3 STEREO SPEAKERS (PAIR) FOR AMIGA, CD32 OR PERSONAL STEREO

14.99

SCREENBEAT MAINS ADAPTOR FOR SCREENBEAT SPEAKERS

7.99

SEGA 32X EXPANSION MODULE FOR MEGADRIEVE NOW 149.99

ATARI JAGUAR NOW 179.99 PANASONIC REAL 3DO NOW 385.99

OVERDRIVE V.9 CD ROM FOR A1200 ... 189.99

EXTERNAL CD ROM DRIVE COMPLETE WITH INTERFACE (PLUGS INTO PCMCIA PORT). RUNS MOST EXISTING CD-32 SOFTWARE. ALMOST ALL FUTURE RELEASES. PHOTO-CD, CD AUDIO AND CD+G DISCS. DOUBLE SPEED MULTI-SESSION DRIVE UNIT WITH MOTORIZED TRAY LOADING. COMPLETE WITH EXTERNAL POWER SUPPLY AND UTILITIES-DRIVERS DISK. AMIGA AND CD AUDIO CAN BE MIXED.

CD ROM FOR A1200

SONY KVM1400 14" FST COLOUR

SCART TV/MONITOR WITH REMOTE CONTROL. 60 CHANNEL TUNING. REAR SCART INPUT. HEADPHONE SOCKET. TWO POSITION TILT. TRINITRON SCREEN. LOOP AERIAL. FREE SCART LEAD

SONY KVM1400 (GREY) ... 194.99

SONY KVM1400 (WHITE) ... 194.99

SONY KVM1401BL FASTEXT ... 244.99

SHARP 14" COLOUR TV/MONITOR

164.99

SHARP 14" WITH TELETEXT

194.99

SHARP SCART TV/MONITOR WITH REMOTE CONTROL. 40 CHANNEL TUNING. REAR SCART INPUT. ON SCREEN DISPLAY. ON/OFF TIMER. FREE SCART LEAD

194.99

FREE SCART LEAD WITH TV'S

(STATE AMIGA, CD32, ST, MEGADRIEVE 1 OR 2, SNES OR 3DO)

MICROVITEC 1438 MULTI-SYNC MONITOR

FOR AMIGA A1200/A4000 OR PC. WITH STEREO SPEAKERS AND AMIGA ADAPTOR. 0.28 DOT PITCH RESOLUTION. 15 PIN RGB DIN PLUG. SUITS ALL AMIGA AGA AND ALL PC SCREEN MODES TO SVGA. 1 YEAR WARRANTY. ... 295.99

PHILIPS CM8833 MKII ... 199.99

14" COLOUR MONITOR WITH BUILT-IN STEREO SPEAKERS (REQUIRES LEAD)

MONITOR LEAD - 3DO TO CM8833 MKII ... 9.99

MONITOR LEAD - CD32 TO CM8833 MKII ... 9.99

MONITOR LEAD - AMIGA TO CM8833 MKII ... 9.99

MONITOR LEAD - JAGUAR TO CM8833 MKII ... 9.99

MONITOR LEAD - ATARI ST TO CM8833 MKII ... 9.99

MONITOR LEAD - M-DRIVE 2 TO CM8833 MKII ... 12.99

MONITOR LEAD - M-DRIVE 1 TO CM8833 MKII ... 9.99

MONITOR LEAD - SNES TO CM8833 MKII ... 12.99

DISK & CD STORAGE

DISK BOX (10) PLASTIC FLIP TOP ... 2.99

DISK BOX 3.5" (120) LOCKABLE, DIVIDERS ... 9.99

MEDIA LIFE DRAWER

200 CAPACITY 3.5" DISKS ... 16.99

MEDIA LIFE DRAWER

30 CAPACITY CD 14.99

DELUXE DISK BOX

HOLDS 120 3.5" DISKS, WITH DIVIDERS ... 9.99

CD WALLETS WITH INDIVIDUAL PADDED POCKETS IDEAL FOR USE IN HOME OR CAR

48 CAPACITY ... 12.99

24 CAPACITY ... 9.99

BEST BUY

SEGA 32X EXPANSION MODULE FOR MEGADRIEVE NOW 149.99

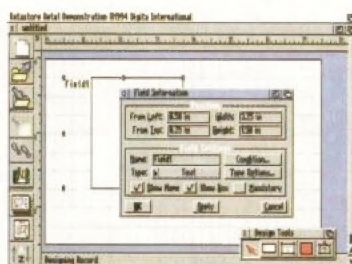
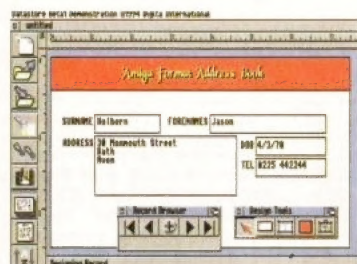
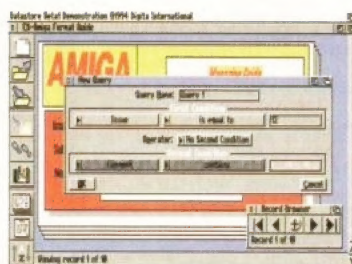
ATARI JAGUAR NOW 179.99 PANASONIC REAL 3DO NOW 385.99

OVERDRIVE V.9 CD ROM FOR A1200 ... 189.99

EXTERNAL CD ROM DRIVE COMPLETE WITH INTERFACE (PLUGS INTO PCMCIA PORT). RUNS MOST EXISTING CD-32 SOFTWARE

AMIGA FORMAT COVERDISKS

WITH THIS MONTH'S COVERDISKS YOU CAN...



Get organised! This exclusive demo of Digita's *Datastore* will help you keep track of dates, games, names and AF!

Indulge in a special slice of one of the biggest Amiga games of all time! If war is hell, polish your horns and get stuck in...

Cannon Fodder 2



ABOVE: Seasonally out of date, but strangely Sensible, nonetheless.

RIGHT: The first level sees you dropped straight into the deep end. As soon as the mission starts, you're surrounded by enemy soldiers. Blast them to bits, and then go and blow up the huts.



There's a very small chance that you may not have played any of the *Cannon Fodder* games before. In that case, **Steve Bradley** barks the orders...

Once upon a time, there was a game called *Cannon Fodder*. It sold over one hundred thousand copies and remains a landmark in Amiga games. It has returned, this time including a variety of themed worlds such as Chicago and Alien World, and four tough levels of *Cannon Fodder 2* are also on the menu this month.

If you are unfamiliar with the concept, it goes thus: you are in almost complete control of four men. Four men who have guns. Four men who

Once again, *Amiga Format* has dredged the sea of software to provide the very brightest treasures for your delectation and, no doubt, delight. Turn on, plug in and enjoy...

THINGS THAT MAKE YOU GO BOOM!

WEAPONS

Walk over the the box and you pick up four bombs or four missiles. Once collected, these extra weapons can be activated by clicking first on the right mouse button, followed swiftly by clicking on the left. But move sharpish or you'll get killed by your own bomb. Which isn't funny (unless you're watching someone else).



HUT

Huts are full of enemy soldiers, who come pouring out when you're near. Destroy the huts first, and cut down enemy numbers significantly.

SNIPER

This chap can cut you down from a long way off. So tread carefully. And warily as well.

can collect missiles and bombs and use them to mercilessly destroy their hapless foe. Four men, readers, who live or die through your ability to control a mouse. The responsibility is yours. Of course, *Cannon Fodder 2* is a computer game and therefore fun, so if the chaps do happen to get wiped out (and you were solely to blame), there are always more to take their place.

You can choose which level you want to have a blast at by, somewhat obviously, clicking on whichever one takes your fancy on the menu screen. Levels one and four are modern-day Middle East affairs, while levels two and three offer you the chance to pit your wits against aliens. And when you die, which is inevitable, you will be whisked back to the menu screen

whereupon you can, very much unlike real life, have another go.

Information is strictly on a need-to-know basis, and indeed, the challenge would be lessened if we were to offer you walk-through guides of the levels. So the word is 'mum'. Go to it.



Head to the right-hand side, but split your men up because the devil's own cannon awaits around the corner.

Your first encounter with the aliens involves lots of sneaking around, hiding behind walls and picking off the snipers.



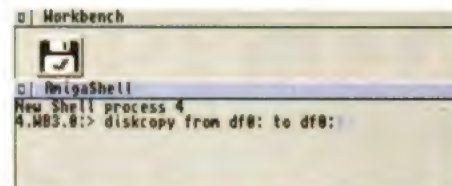
Continued overleaf →

BACKING UP YOUR COVERDISK

Copying your Coverdisk is very simple. Just follow the stages below...

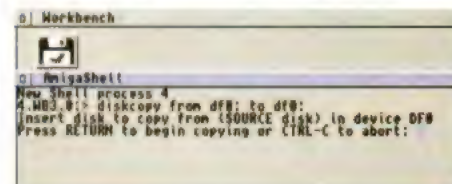


1 Boot up with your Workbench disk, and find the Shell icon, in your system drawer. Double-click on this to go into the Shell.

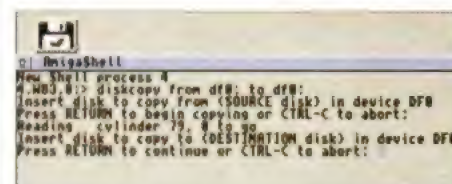


2 Type in the following line exactly as it appears here, taking care to put the spaces in the correct places:

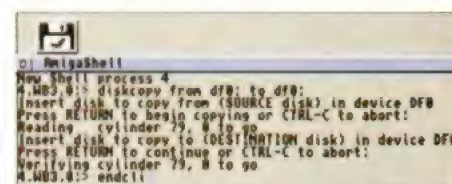
DISKCOPY FROM DFO: TO DFO:



3 When asked for the source disk, insert the Coverdisk and press Return. All of the information on this disk will then be copied from the disk into memory.



4 Once your Amiga has read the info, it will ask for the destination disk. Insert the disk you want to copy to and press Return. All information on this disk will be destroyed.



5 On an unexpanded machine, the Amiga may ask for the source disk again, as it copies in chunks. Finally, type Endcli to close down the Shell. Your copy is complete.

DISK NOT WORKING?

We take every care to test the Coverdisk software, but Future Publishing cannot accept any responsibility for any data loss or other damage occurring during its use. If your disk is faulty, send it back, including a stamped addressed envelope for a free replacement to:

Amiga Format (insert the name of the disk) Disk, Discopy Labs Ltd, PO Box 21, Daventry, NN11 5RT.

WANT A



4 YOUR AMIGA?

DON'T



A

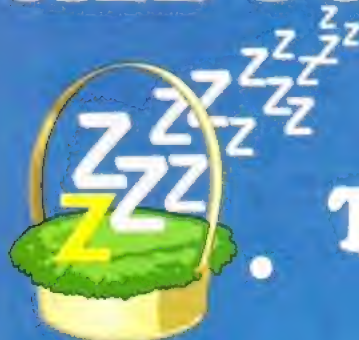


AND PUT

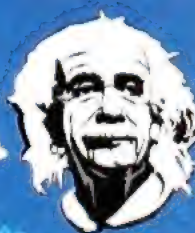
ALL YOUR



IN 1 BORING



THINK A



WITH OUR

NEW



INTERFACE

If you're thinking about buying a new peripheral for your A1200 or A600 then ... *don't* ... until you've considered our brand-new, plug-and-play SCSI 2 interface and our exciting range of modern storage devices.

Named after the famous storage-hungry animal, the Squirrel™ SCSI 2 interface simply plugs into your PCMCIA slot and allows you to connect up to 7 (yes, 7!) SCSI devices to your Amiga at the same time. Just think of it, a triple-speed CD-ROM, a SyQuest™ removable drive, a DAT drive, a Magneto Optical and a Tape Streamer, all on-line and all available at any time!

All this is a reality with the amazing Squirrel™ SCSI 2 interface.

The Squirrel comes complete with SCSI software drivers, a host of useful SCSI programs (audio CD player, CD-to-HD sampler etc.) and is also extremely compatible with the CD32 so that, with a suitable CD-ROM drive, you can run games like Diggers, Brutal Football, Liberation, Pinball Fantasies etc. etc.

But there is much more to SCSI than CD-ROM; SCSI is an industry-wide standard which means that you can



the neat Squirrel SCSI interface

plug any SCSI external device into the Squirrel interface and daisy-chain units together. No longer are you forced into a closed solution - with Squirrel, your Amiga will grow with your needs.

Incredibly, the Squirrel SCSI 2 interface costs only £69.95 including VAT and is available now from all good Amiga suppliers or directly from HiSoft.

To complement the Squirrel interface we have released a number of quality peripherals - professional Squirrel Storage Systems™ at nutty prices!

Squirrel Storage Systems

Squirrel Storage Systems come either bare (int - ready for installation internally) or fully-cased (ext) with integral power supply, SCSI in/out, SCSI ID selector and audio out (for CD-ROM). All prices include VAT!

SCSI CD-ROM Drive

The SuperTriple™ CD-ROM offers 510Kb/sec transfer, 190ms access, PhotoCD™, CD-DA & more; a brand-new, super-fast, feature-packed unit at a fantastic price...

SuperTriple™ int £189, ext £249.

SCSI SyQuest™ Drives

Transportable storage is here with the solid, proven SyQuest™ 88Mb and 270Mb removable drives. Great for backup and moving your work between machines...

88Mb int £289, ext £349. 270Mb int £439, ext £499.

Drives inc 1 cartridge. 88Mb cart £59, 270Mb cart £59.

SCSI Hard Drives

Modern, fast drives, all with 128Kb cache, at great prices...

270Mb int £179, ext £229. 540Mb int £259, ext £319.

HiSoft
High Quality Software

The Old School, Greenfield,
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716



Datastore

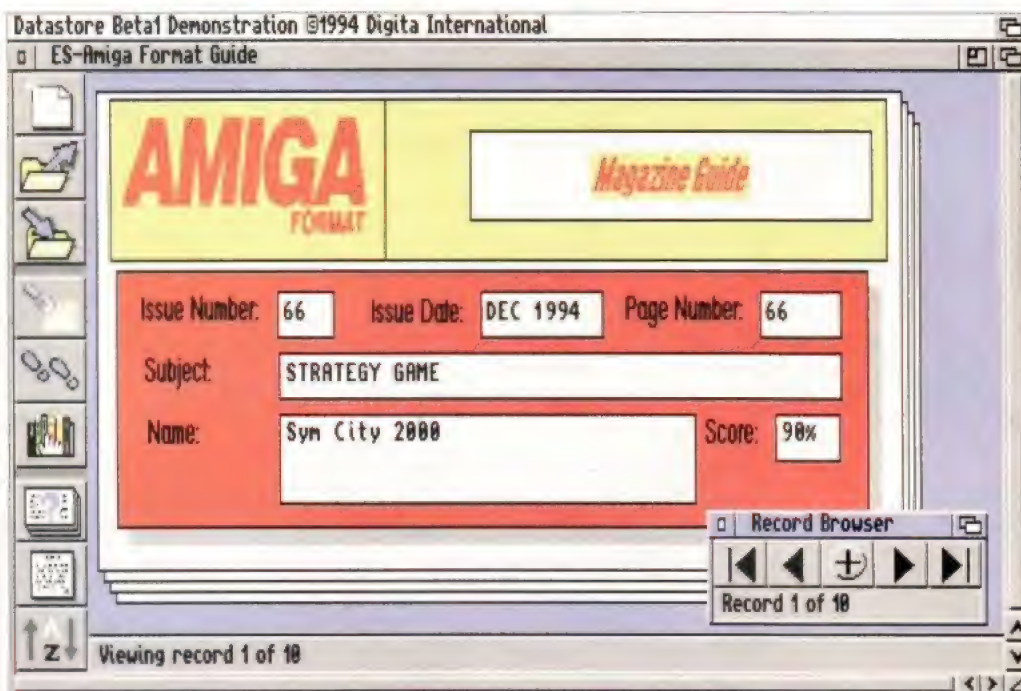
Digita's new **Datastore** is the database with a difference – it's easy to use, colourful and... well find out for yourself with this exclusive **AF** demo.

Everyone could do with a database some time. Whether you want to keep track of your burgeoning music collection, maintain a list of friends' and relatives' addresses or you simply want to keep track of the articles in your back issues of *Amiga Format*, you'll be needing a decent database. And, as it happens, they don't come any more decent than Digita's new **Datastore**.

For the uninitiated, a database is a program that acts as an electronic filing cabinet. That is, it lets you store and organise information on your

THE AF DATABASE

To help you get the very most from your *AF* back issues, Digita have provided a demonstration database that lists each and every game and serious product ever reviewed in the hallowed pages of *Amiga Format*. If you wish to use this database, however, you must ensure that the second **Datastore** disk is called **DS-Files**. Use with the **Rename...** option from the **Workbench Icons** pull down menu.



There's a complete record of every game and serious review ever printed in *AF* on your **Datastore** Coverdisk.

computer. What information you choose to organise is entirely up to you – a database simply provides a quick and easy method of compiling complicated sets of records which can be accessed in an instant.

For example, if you wanted to maintain a mailing list, instead of having to manually search for a given record within that list, you can simply provide **Datastore** with the surname of the person you're interested in and the program then extracts that record in a jiffy.

What makes Datastore so special is its sheer ease of use and friendliness. If you've ever used a database before then **Datastore** will come as something of a shock – put simply, it's the most straightforward Amiga database ever. Much of the program's friendliness can be credited to its superb user interface which is based around the

same excellent front end used by Digita's popular *Wordworth 3.1* word processor. For professionals and first time users alike, **Datastore** is ideal.

With **Datastore**, you can quickly and easily create complex database files consisting of a variety of different field types including dates, text, Boolean switches and even pictures. What's more, you can customise the appearance of your database records using **Datastore's** comprehensive range of drawing functions. Once you've designed your database to suit your own particular requirements, you can enter records and then extract the information you want using **Datastore's** powerful VCR-like record browser.

● This is a demo version of the full **Datastore** program. The print function has been disabled and you are limited to 10 records.

Continued overleaf ➔

UNPACKING DATASTORE

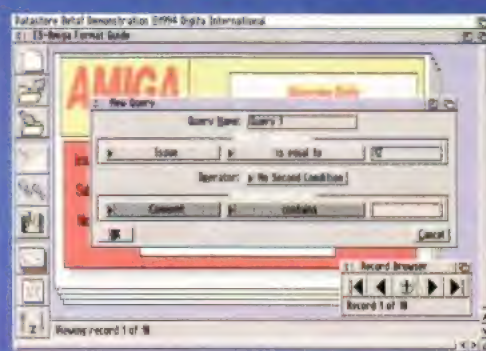
Datastore is such a big program that it will not run directly from our Coverdisk. In order to run it, therefore, it must first be decompressed on to a separate set of floppy disks. Follow these simple instructions and you won't go far wrong.

1 Before you even attempt to boot from our **Datastore** Coverdisk, make sure that you have two blank formatted disks at the ready (if you don't, format a couple of disks from the **Workbench** now). These two disks will hold the **Datastore** program and associated files.

2 Insert your **Datastore** Coverdisk into your Amiga's internal drive and then switch on your Amiga. After a few seconds, an **AmigaDOS** window appears prompting you to insert a formatted disk. Remove your Coverdisk and replace it with one of your formatted floppies. Once you've done this, press the **Return** key. The first **Datastore** disk will then be decompressed. This may take some time so be patient.

3 After a couple of minutes, you'll be asked to replace the **Datastore** Coverdisk. Remove your first formatted floppy, label it **Datastore1** and then reinsert your Coverdisk. When prompted to insert a formatted floppy disk, replace your Coverdisk with your second blank formatted floppy and press the **Return** key again. The second **Datastore** disk will then be decompressed on to your floppy disk.

4 Once this second disk has been decompressed, remove the disk from your Amiga's internal drive and switch off your Amiga. Insert your first **Datastore** disk into your Amiga's internal drive, switch on your machine and your Amiga will boot from this **Datastore** disk. When **Workbench**



Before you can use **Datastore** you must decompress it on to two blank disks, so make sure you've got two formatted disks ready before you start.

appears, double-click on the icon for your **Datastore** disk and then double-click on the **Datastore** program icon. **Datastore** will then load into memory.

Dabbling with Datastore

HOW TO FIND YOUR WAY AROUND

GOTO: The Goto option lets you jump directly to a specified record by telling Datastore the relevant record number.

NEW/OPEN/SAVE: Fairly obvious these. Use Open to read an existing database into memory, New to create a new database and Save to save the current database to disk.

FIND: As its name suggests, the Find option lets you search for a given record within your database without having to manually wade through each and every record (the traditional method).

LIBRARIAN: This provides a quick and easy method of inserting text which you use over and over again without having to retype it each time. Use this function when entering record data.

QUERY: The Query option lets you interrogate your database for information. What makes this option so special is that it lets you display records based upon a search criteria - all females over 18 who are single, for example. This option is not available when designing your database form.

REPORT: This creates reports that list the contents of specified fields. So, you could generate a report that lists the birthdays of every person in an address book. This option is not available when designing your database form.

SORT: The records that you enter into your database are not automatically sorted into order. Instead, your database must be sorted en masse using the Sort tool. Datastore lets you decide which fields your database is sorted on and in what order. Note that this option is not available when designing your database form.

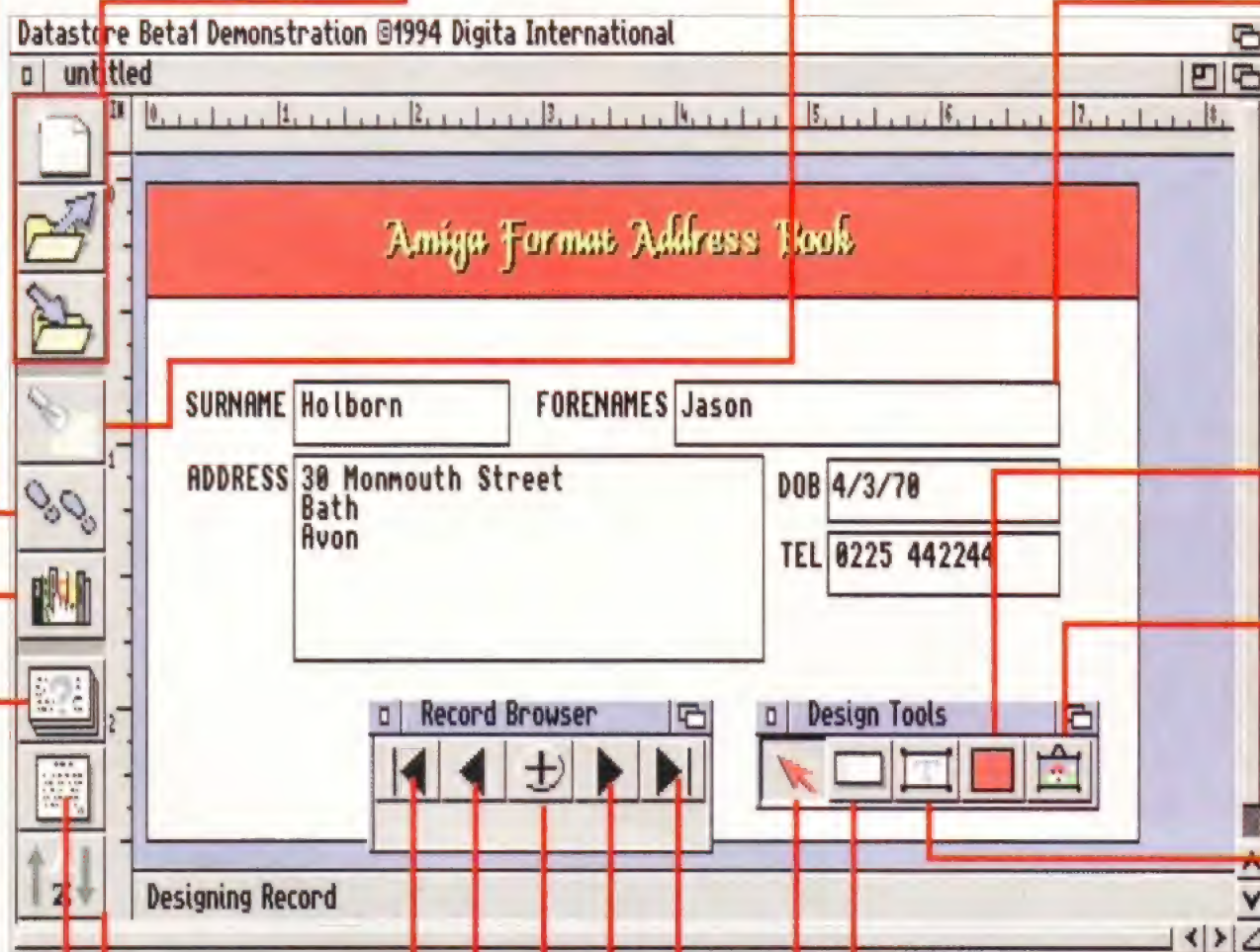
FIRST RECORD: Jumps directly to the first record in your database.

PREVIOUS RECORD: Flips to the previous record.

LAST RECORD: Displays the last database record.

NEXT RECORD: Flips to the next record.

INSERT NEW RECORD: Clicking on this button lets you insert a new record into your database. Once selected, a cursor appears in the first field, allowing you to enter information via the keyboard. After you've typed something into the first field, press the Tab key to flick to the next field. Do not use the Return key until the last field has been entered.



GET YOUR HANDS ON THE REAL THING!

If you're suitably impressed with our demonstration version of *Datatore*, why not shell out some readies on the full package? Retailing for £69.99, it can be bought directly from Digita on 01395 270 273.

WORKING RECORD AREA: This area of the screen is where all the action takes place. Records are displayed and new records created by editing the contents of this area.

BOX TOOL: The box tool provides *Datatore* with rudimentary drawing capabilities. You can use this tool to draw boxes of any size and colour.

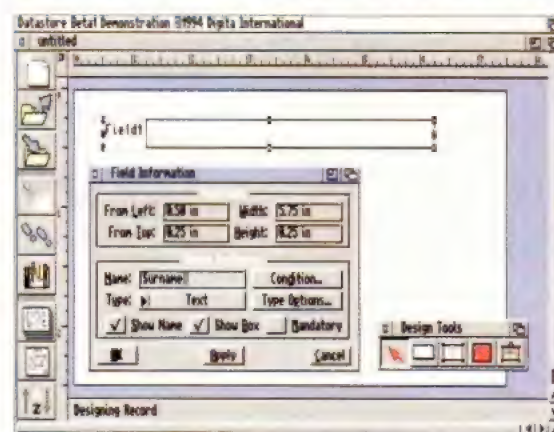
PICTURE FRAME TOOL: This tool is used to place a static IFF image such as a logo on to your database forms. The same image is displayed on each and every record in your database (a bit like headed paper).

CAPTION TOOL: This tool lets you place text on to your database forms using any standard Amiga font. Captions can be used as labels or titles which are repeated on every record.

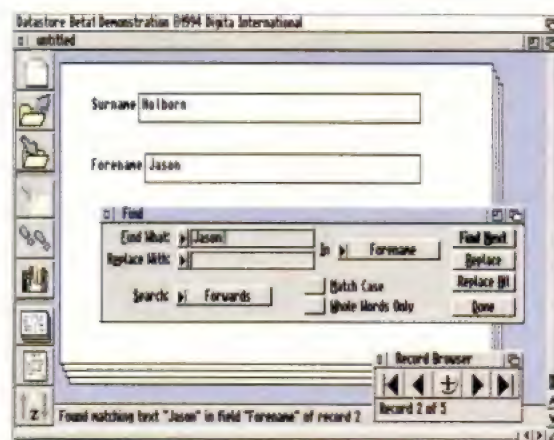
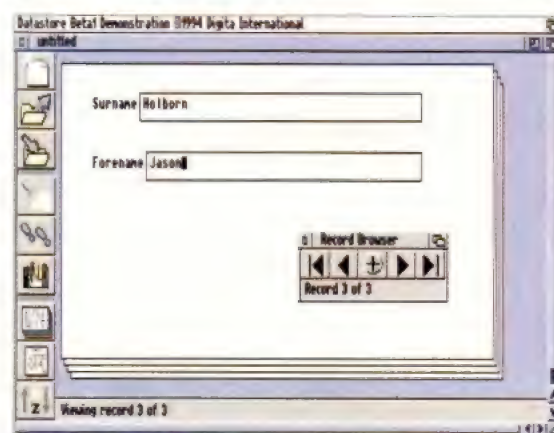
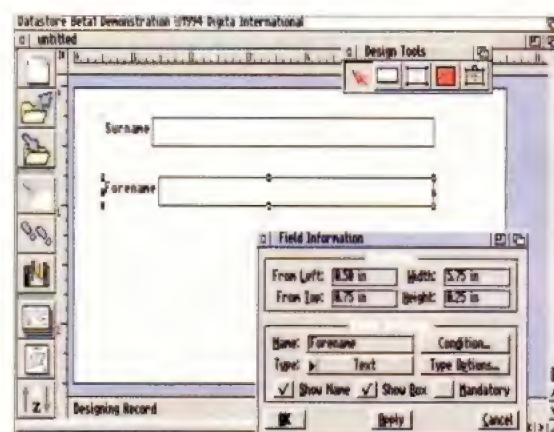
FIELD TOOL: This all-important tool is used to create new fields which act as pigeon holes for each discrete item of information you'd like your database to hold. In an address book database, for example, you'd have a field for surnames, another for forenames and so on.

ARROW POINTER: Use this tool to modify any of the objects (boxes, fields and so on) that you may have already created.

CREATING YOUR OWN DATABASE



appearance and the type of data that your field will hold. Use the Name gadget to change the name of your field to something more relevant - Surname, for example. Once you're finished, click on the OK gadget to accept any changes you may have made.



1 When *Datatore* is first loaded, a new database is automatically opened for you. By default, *Datatore* opens your database in design mode - the mode used to define the format of your database and the form which is used to display each record within that database. At this point, no fields (the pigeon holes that hold information) have been defined so we need to start by creating at least one field.

Click on the Field tool from the Design toolbar and then click and, while holding down the left mouse button, drag out a rectangle of approximately the same dimensions as the one shown. A window labelled Field Information appears on the screen. This window lets you define the

2 Now that we've defined one field, let's define a second using exactly the same method. Use the Field tool again but this time define a field of the same dimensions immediately below your first field. This time, however, call it Forename when the Field Information window appears.

3 Now that we've defined the format of our records, let's enter some information into our database. Select the Edit Records option from the Edit pull-down menu and the Design toolbar is replaced by the *Datatore* Record Browser window. This window lets you move backwards and forwards through your database and even enter new records.

Our database doesn't contain any records at the moment so let's enter something useful into our database. Click on the Insert Record button in the Record Browser and a cursor appears inside the first field. Enter your surname and then press the Tab key to move on to the next field. Once information has been fed into both fields, press the Return key. You have entered your first record.

4 A database with just one record isn't really that useful so enter a few more records using the same method detailed in step 3. Once you've entered a few records, have a go at searching for a record using *Datatore*'s Find tool.

Click on the Find gadget and a window labelled Find appears on the screen. This requester lets you search for a given record by feeding *Datatore* something to base its search on - part of a name, a street name or whatever. Worth noting is the In gadget which lets you define which fields *Datatore* will search. By default, all fields will be searched but you can speed the process up by limiting *Datatore* to a single field.

AMIGA FORMAT COVERDISKS

GOT A PROBLEM WITH
YOUR COVERDISK?

CALL

0191-385 2627



Your Coverdisk should be working fine,
but if not, these hints, tips and
corrections may sort out the problem
for you quickly and easily.

EXTRA!

MUSIC-X AF58

A600 owners, and anyone else with only Chip RAM, should follow the instructions for A1200 owners, otherwise they will find they have little room for samples. Also, many people seem to be getting a message regarding missing fonts. The fonts are on the disk. OK! If you boot up from the *Music-X* program disk, like it says to do in the instructions, there is no problem.



If you want to boot off any other disk, copy the fonts into the FONTS: drawer of your boot-up disk. This is not complicated – it is how the Amiga works (and the PC and the Mac).

PAGESETTER 2 AF63

There are no problems with this program, but a few people seem to be having difficulty with fonts. *PageSetter 2* works with CompuGraphic fonts, but it needs an .atc file. If your font doesn't have one, *PageSetter 2* won't recognise it.

THEME PARK AF64

Not a problem, but a cheat for this rather good demo of a rather excellent game.

If you press the C key during the loading screen a message appears, informing you that the cheat mode is active. You will now have lots of cash to buy oodles of rides and things!

LIBS, FONTS AND ALL THAT

There are lots of files and commands associated with the normal operation of software. You may not see them until you try to install software:

LIBRARIES – These are compact routines which are compiled as a separate library. They contain commonly-used routines so programmers can write new utilities without having to re-code all the basic routines all the time. Libraries should be located in the LIBS drawer of your start-up disk.

FONTS – Amiga fonts come in many varieties, but the most common are bitmap fonts. The majority of programs use the system fonts, but some use their own. In this case, the font must be present in the FONTS: drawer of your start-up disk.

ASSIGN – The assign command is used to make pathname shortcuts. It does this by creating a logical or virtual device – one that doesn't exist, but points to a pathname that does. The usage is:

Assign <device name> <path name>

So, if you had installed a program from disk called *Paint* and installed it to a hard drive in the utilities drawer, your command might look like:

Assign Paint: hd0:Utilities



PAGESETTER 3 SOLUTIONS

Although it is not actually a Coverdisk, some of you have been experiencing problems with *PageSetter 3*, the upgrade to our great *PageSetter 2* Coverdisk (AF63).

The problem seems to involve people running this software from a floppy drive. It has to be said that Gold Disk's install script and documentation are less than perfect.

Firstly, you do not actually have to run the floppy install program to run the software, you can just boot from disk one and run the program from disk two (although the print option will not work). To solve these problems, the easiest thing to do is make some additions to a copy of your Workbench disk. Here are the steps you should follow:

1. Make a copy of your original Workbench disk, or your usual start-up disk.
2. Using a text editor (such as *ED*), add the following to your start-up sequence (before the *ENDcli* command), or your user start-up if you have one.

Assign Fonts: PS³Fonts:Fonts
Assign CGFonts: PS³Fonts:Fonts
Assign s: PS³Page:

3. Now save the file (using *Escape* then *x* if you are using *ED*) and reboot your machine with this disk.

4. From Workbench, select and delete the Tools and Utilities drawers (or otherwise make room for the library files).

5. Open a Shell and type the following:
copy PS³install:s/page#7 s:
copy PS³install:libs/FontEngine.library Libs:
endcli

(If you are using a GB keymap, the superscript 3 is obtained by pressing *Alt-3*)

6. Reboot from this disk again. Insert the PS³Page disk and double-click on the program's icon. It should now run, and print to your selected printer.

7. To install more fonts, you should use the original install program, because this updates the special font list *PageSetter* uses to tell which fonts are available.

HOW TO CONTACT AMIGA FORMAT

The best way to get an answer from *Amiga Format* is to make sure you're addressing your letter to the right person (or, indeed, department)...

- We get hundreds of letters and faxes a day, so we can't reply in person.
- *Amiga Format* is available for enquiries by telephone every Tuesday between 10.30am and 6pm, but please make sure your call is really necessary.
- Our advertising complaints department can help with problems

with companies who advertise in *AF* if you phone during normal office hours.

- Our subscriptions service and the *Amiga Format* Mail Order department can be contacted on 01225 822511.

WORKBENCH: If you have any problems with the technical side of your Amiga, with hardware or with serious software, Nick Veitch will answer you in the mag. If you have advice or tips for other readers, send them in and you could win a prize.
Workbench, *Amiga Format*,
30 Monmouth Street, Bath BA1 2BW.

GAMEBUSTERS: If you've found a cheat mode, mapped out the levels, or found all the passwords for the latest game, send the info to Steve Bradley

and you could win a prize. Or, if you're stuck, ask *Helping Hand* for advice.

Stephen Bradley, *GameBusters*,
Amiga Format, 30 Monmouth Street,
Bath BA1 2BW.

READERS' LETTERS: The letters pages are there for you to air your views and share your opinions; please remember not to ask questions that should be in Workbench!

Letters To The Editor, *Amiga Format*,
30 Monmouth St, Bath BA1 2BW.

COMPETITIONS: To enter a competition, write the answers and your name, address and phone number on the back of a postcard.

Whatever Competition, *Amiga Format*, 29 Monmouth St, Bath BA1 2DL.

SPECIAL OFFERS: If you've ordered something from the *AF* Mail Order and you've got a problem, call our Mail Order department on 01225 822511.

Amiga Format Mail Order, Future Publishing, FREEPOST (B54900),
Somerton, Somerset TA11 6BR.

SUBSCRIPTIONS: If you have any subscription enquiries then write to:
Amiga Format Subscriptions, Future Publishing, FREEPOST (B54900),
Somerton, Somerset TA11 6BR.

FAULTY COVERDISKS: If you have a faulty disk, DON'T return it to us: send it, enclosing an SAE, to: *Amiga Format* (insert the name of the disk) Disk, DisCopy Labs Ltd, PO Box 21, Daventry NN11 5RT.

ESP Sports Management



PROFESSIONAL FOOTBALL MASTERS 5 VERSION 5

The Most Innovative Football Management Game Ever.

On the hardest level this very realistic simulation will test you to the limit. See if you've got what it takes to master the professional football league managers job using the most refined game available today.

In 1989 E.S.P. were the first company to create a commercial football management game solely dedicated to the 16 bit computers. Since then, we've been continuously devising new features with the direct consultation of hundreds of management game fans. This winning combination has created the most accurate representation of what football management is all about. Once you try it, you'll realise that the rest have merely been following our numerous leads in this field. It's impossible to do justice to the hundreds of meticulous refinements included in this game but you will find a large proportion of the most significant below:

Managers: 1 to 4 Human players, Performance statistics, Manager of the month/season, Pick any team in any division to start with. Automated features to make the game as easy or hard as you like.

League & Cup: Premier 22 teams, Division 1, 2 & 3 have 24 teams, Play-offs, Tables, 7 Cup competitions with precise rules (2 legs, extra time, away goal rule, seeded draws, European Cup tables, 5 subs, non-domestic player restrictions etc.)

Games: Yearly fixture/previous list, Week fixtures/results, Results from previous meeting with opponents, a plethora of statistics.

Players: Real life statistics for 94/95 season, updated monthly. Real positions, height, age, live transfer market, Contract & wage negotiations, Preferred foot (left/right/both), Loans, Injuries, Training, Special talents, Transfers, Goalkeepers (separate skill categories), Defenders, Midfielders, Attackers & Utility, Retirements, Foreign transfers, Unhappy players, Top 10 Hot shots.

Team: Tactics (1000 different combinations), Training, Aggression, Formation allows specific player field settings (Winger, Sweeper etc.).

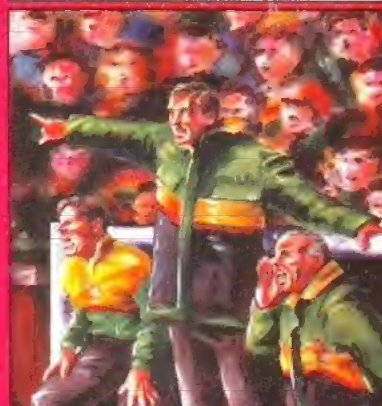
Club: Sponsorship, Ground improvements, View opponent, Finances.

The Match: Real time scoreboard reporting goals & injuries yellow/red cards, Sound effects, Interventions permitted at any time to change tactics, formations and make subs. Physical graphical penalty participation (optional). Over 80 different referees.

Other: Fast load/save, Printer access, Over 30 options to set various game preferences, User friendly throughout with an excellent instruction book. Personal technical support if required. **SCOTTISH, ITALIAN & GERMAN VERSION 5's** coming soon.

Editor: Allows you to amend various items in saved games. Optional Extra.

Places now available in our 94 manager PBM service and a limited number of Play By Mail operator licenses. Call Us For Further Details.



THE PULSE Horse Racing Tipping System



If you want the best horse tipping software that money can buy, then THE PULSE is it. The whole package has been developed by a professional punter. A fact, instantly recognised by many other well informed buyers of this product. The advice contained within the instruction book alone could save you plenty of wasted bets and anyone serious about reducing their losses or increasing their gains could not find a better tool to assist their aim.

• The mystic of horse racing is unlocked with the simple instructions, user friendly program and top class technical support. • In the last Open National Tipping Competition (1991) organised by Racecall this programs predictions came 2nd out of thousands of entries which led to a serious approach from a well known bookmaker, rejected in favour of supporting the public. • A wide range of built in statistics make rating a race a quick and easy job, compared to other available systems. • To keep the program constantly up-to-date monthly updates are recommended. If the general program guide lines fail to break even we send free updates to all entitled purchasers. Prices range from £25 to £40 depending on the length of subscription undertaken. • Specific details on some horses to follow, as recommended by a variety of inside sources is provided with each monthly update. • There's been many reviews in the press and under a variety of scrutinising conditions. All were very positive about the programs ability to perform well and a full summary of the developers results from main meetings since January 1993 is available upon request.

WORLD CUP CRICKET MASTERS

A fantastic graphical and/or tactical representation of Cricket that has been completely written by a traditional fan. You can physically participate with batting and/or bowling or leave it to the computer to automatically handle. See full feature list below:

PLAYER VARIETY

- Varied on 8 adjustable factors.
- Left and right handed players.
- Range of batting types.
- Editor to amend game stats.
- Bowler types include seam, swing, change and both types of spin with 8 speed levels.

GAME OPTIONS

- 1 Day limited overs or test.
- White or coloured clothing.
- Three Cricket grounds.
- Load/Save game. Skill levels.
- Computer/Human players.

FRIENDLY CONTROLS

- Icon driven with point & click.
- Large 3D scrolling screen covering the entire playing area.
- Mouse controls bowler's line, length, direction field settings.
- Joystick control of batsman's attack level, strokes and running between wickets.

STATISTICS

- Scorecard & bowling analysis.
- Weather and ground reports.
- Wagon Wheel.
- Matchman Chart.



VARIABLE CONDITIONS

- Surface and pace of pitch.
- Rain, bad light, cloud cover, temperature and humidity.

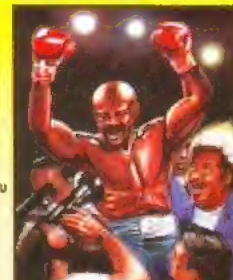
ANIMATED ACTION

- Sound Commentary.
- Umpire signals.
- All the strokes cut, pull, drive, etc.
- Appeals, dropped catch, run outs.
- Bouncers, wides and no balls.

BOXING MASTERS

A fabulous game which concentrates on the management of up to 3 Heavyweight boxers. It's quite different to most other management style games since it has a high proportion of interaction with computer controlled human personalities, ie. negotiations with other managers, boxer contracts, staff recruitment and publicity events. There are many other conventional tasks for the manager like scouting for new boxers, finance, training and even fight tactics are part of your responsibility: using full arcade action you can participate in your boxers' performance inside the ring itself or, if you prefer, direct them from the ringside. Two player mode available. Sparkling graphics are used throughout the game and full details on the games major concepts follows:-

- The game has 100 ranked boxers with fourteen shown attributes, retirements on age and injury.
- Negotiate fight deals with twenty other boxing managers, arranging the size of the purse, the venue and the date etc.
- Choose any one of ten publicity stunts to pull in the crowds to your fights: press conferences, television, public brawls etc.
- You can appoint and hire a scout, physio, cornerman and a trainer. Training methods include punchbags, speedball, weights, roadwork and sparring.
- Your boxers can fight for World, European or National titles with mandatory defence. • The boxers performance in the ring is shown very graphically.
- A variety of tactics can be utilised during a fight, i.e. punch to the head, the body, inside and numerous time-wasting tactics.
- Fifteen ringside judges each have their own individual scorecards which are shown on the screen as the fight unfolds so that you can measure your fighter's performance. The reality of the fight is increased even more by the powerful sound effects of the crowd's presence and the noise of the punches making contact.
- A wealth of statistical data which can be viewed and printed and should cover every desire. • Load and save facility. • Comprehensive instruction book.



Formula 1 Challenge

VERSION 4.5

This motor racing simulation is an incredibly addictive game for 1 to 4 players that has been developed over a period of years by true fans of the sport. You start the game with just one car & driver with the aim of building your team to win the drivers and constructors championship. All circuits, drivers, teams, car graphics, rules, engines etc., are accurate for the 1994 season and can be updated. Excellent presentation with full sounds effects. The sensational world of Formula One awaits.

- Watch races as they unfold, three levels of highlights.
- Crashes, spins, pile ups, car failures, stop/go penalties.
- Weather changes, fastest & record laps, make pit-stops.
- Four independent levels of difficulty.
- Accurate and detailed graphics of the teams, circuits etc.
- 15 teams, 2 cars per team, 50 drivers with varying skills.
- Complete engine and tyre contracts, sponsors.
- Choose tyre compounds, train your pit crew.
- Tune your engines, change wing settings.
- Qualifying, 16 accurate championship circuits.
- News section, realistic sound FX, weather forecasts.
- Load/save games, statistics saved, latest FISA rules.
- Full drivers and constructors championships.
- Fully descriptive instruction book.



SPORTS RELATED PROGRAMS AND PROGRAMMERS WANTED



24 HOUR CREDIT CARD HOTLINE



(01702) 434600



48 HOUR DISPATCH

CHEQUE PAYMENTS

If you have a guarantee cheque card or credit card please write its number on the reverse of your cheque to ensure dispatch within 48 hours of receipt.

OUR ADDRESS

ESP SOFTWARE DEPT AF
PO BOX 557,
Southend-on-Sea,
Essex SS1 2NB, England.
TEL (01702) 434600
FAX (01702) 613747

COMPUTER			
ST 517K S/S	ST 517K D/S	ST 100K	AMIGA 1MB
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

MAIL ORDERS

All the programs featured in this advert are available by direct mail.

DESCRIPTION	A F	PRICE	TOTAL
PROFESSIONAL FOOTBALL MASTERS 94		24.95	
P.F.M. EDITOR		12.00	
THE PULSE - RACING SYSTEM		75.00	
BOXING MASTERS		24.95	
FORMULA 1 CHALLENGE V4		24.95	
WORLD CUP CRICKET MASTERS		24.95	

CREDIT CARD NUMBER & EXPIRY E. & O. E. GRAND TOTAL

NAME TELEPHONE

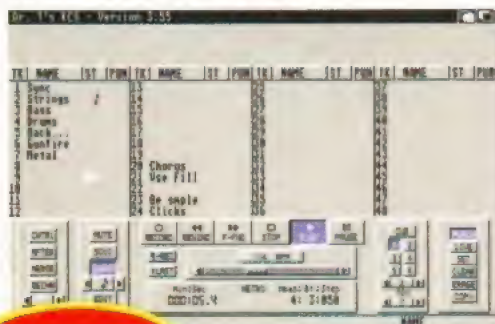
ADDRESS

POSTCODE

AMIGA FORMAT PRESENTS

There's only one thing better than our Coverdisks and that's the latest upgraded and enhanced versions. And they're all at special AF prices.

KCS 3.5 LEVEL II



£69.99

When we reviewed this incredible music package (AF29) we awarded it the coveted Gold rating (a whopping 92%) and that was with a retail price of £279. We said: "Contains all the elements you could possibly need to use your Amiga in a serious environment". KCS 3.5 is much more

than just a sequencer, it also contains a whole host of functions, in a multi-program environment (MPE), to allow you a great deal of flexibility in creating music: record notes in KCS, edit them in *Tiger* and print out your score using *Quickscore*.

*KCS 3.5 requires 1Mb RAM, although 2Mb, a hard drive and a MIDI interface is recommended.

ORDER NO: AMFKCS

TV*TEXT PROFESSIONAL V2 FULL PACKAGE



£89.99

Our TV*Text Coverdisk was ideal for those exploring the joys of video titling for the first time, but this new version will give your titling a whole new dimension.

This brand-new-direct-from-the-USA version includes AGA support, which allows up to 256 colours on-screen, it

permits text to be typed directly on-screen, provides full outline font support - so you can squash, stretch and scale your fonts without any loss of quality. It also includes a *Player* program, allowing images to be scripted and sequenced, and contains wipes, fades and other effects. In addition to the original 220-page TV*Text manual (also available separately) v2 contains an AGA manual and five extra disks packed with 50 outline fonts for use with TV*Text and other packages that support outline fonts. AF Gold-rated.

ORDER NO: AFTVTF

TV*TEXT PROFESSIONAL V2 UPGRADE



£59.99

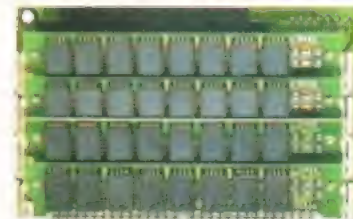
With the exception of the original 220-page TV*Text Professional manual and the five disks of outline fonts, this TV*Text v2 upgrade contains everything that is in the full v2 package.

If you have previously purchased the manual or already have access to a wide range of fonts, this option is definitely the right one for you.

See your titles come to life with the extra enhancements of this AGA version. For detailed specifications please see the description of the full package above.

ORDER NO: AFTVU

1MB RAM UPGRADES



£29.99

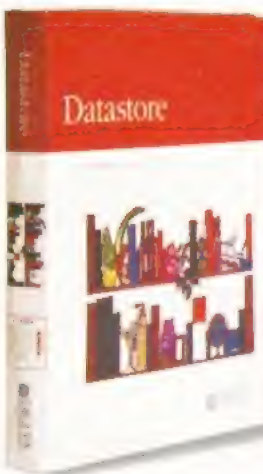
If you have less than 2Mb RAM these days, you are at a serious disadvantage, so take this opportunity to upgrade your system at an astonishingly low price. These boards for the A500+ and A600 simply plug into the Amiga's trapdoor connector without invalidating your warranty.

Manufactured to the highest standards and fully guaranteed for 12 months. Upgrading to 2Mb will give both your machine and your productivity a boost.

A600 ORDER NO: AF6H1M

A500+ ORDER NO: AFSP1M

DATASTORE



£49.99

The full version of our tremendous Coverdisk is available now. Datastore is a revolutionary database, which is accessible, sophisticated and powerful, yet easy to use. The number of records is limited only by the amount of RAM you have available (minimum requirement 1Mb with WB 2 or 3). Easystart templates that come with the package include Club Membership, Recipes, Address Book, and a complete up-to-date *Amiga Format* Magazine Guide. Many commands are performed simply by clicking on icons, and multiple file editing allows several databases to be opened simultaneously. A ground-breaking release.

ORDER NO: AFDAST

PIXEL 3D PROFESSIONAL V2



£129

If you've been using our incredible *Pixel 3D Professional v1* Coverdisk (AF65), you'll know exactly what to expect with this bang-up-to-date upgraded version. *Pixel 3D Pro v2* is one of the most powerful 3D object utility programs available. Version 2 includes the following enhancements:

- Z-buffer full-colour viewing modes.
- Real-time 3D painting.
- Complete AGA support.
- Complete PostScript support.
- Object hierarchies support.
- Improved DFX AutoCAD support.

- Loads 17 different 3D file formats including Lightwave, 3D Studio and Imagine.

- And much more...

Version 2 of *Pixel 3D Professional* can also convert bitmap pictures of logos and shapes to 3D with unrivalled speed and quality. *Amiga Format* readers can upgrade to *Pixel 3D Professional v2* for just £129 - £70 off the RRP.

*Please note: *Pixel 3D Professional v2* requires Workbench 2 and 2Mb RAM.

ORDER NO: AFP3D2

INDI JANUARY SALE

INSTANT CREDIT FOR THE NEW YEAR*

(infact at any time)

We can Now organise Instant Credit with a Same day decision at nearly ONE Hundred Offices Nationwide

BUY TODAY - PAY IN 6 MONTHS

No Interest, No deposit, No Strings Attached

ORDER ANY INDI ADVERTISED PRODUCT OVER
£100, USE IT FOR 6 MONTHS AND THEN
CHOOSE HOW TO PAY

Option 1

AFTER 6 MONTHS

PAY IN FULL
NO CHARGES
WHATSOEVER

Option 2

AFTER 6 MONTHS

PAY OVER 24 OR
36 MONTHS AT
OUR NORMAL
APR*

INSTANT CREDIT AVAILABLE FROM
NEARLY 100 OFFICES NATIONWIDE

Credit Cards



Express Cheque Clearance

Simply write your cheque guarantee card number, name and address on
the back of your cheque and we will normally be able to despatch your
order the day that we receive your cheque. Cheques, received without
a cheque guarantee card number, will normally clear within a maximum
7 working days.

Customer Care

The substantial volume of sales calls coming into our office has
resulted in delays in the crucial area of customer care. To
ensure that all customer queries are handled speedily and
efficiently a new customer care department has been
established. Our new department will be happy to assist you on
their new number 0543 419921 Mon-Fri 10am-4pm

INDI SALES DESK
0543 419999 9am - 6pm
Monday to Friday
9.30am - 3.30 Saturday

* APR 29.8% Subject to Status. Offer ends 31st January 1995

ZAPPO AMIGA 1200 CD ROM DRIVE LIMITED EDITION PACK

Quote
"Whatever your CD-ROM needs, the Zappo Drive can handle it."
Amiga Format
"More stunning than a phaser gun in Star Trek. A must for A1200 owners."
CU Amiga

GREAT GAME
WORTH £50.00
• **Brutal Football**
"It is first rate ... it'll keep you in stitches for months" 94%
• **Alien Breed**
"A supreme challenge to new and old players alike" 90%
• **Qwak**
"The most playable Amiga game ever" 92%
• **Project - X**
"Incredible graphics, awesome speech... a true classic" 92%
• **F17 Challenge**
"fast moving graphics, excellent gameplay... a game to be reckoned with" 84%

ALIEN BREED SPECIAL EDITION QWAK

AMIGA CD 32

PROJECT-X F17 CHALLENGE

AMIGA CD 32

PLUS a superb multi button, joystick worth £14.99
ZAPPO CD ROM DRIVE
~~£225.99~~
£219.99
Limited Edition
SALE PRICE

ZAPPO Smart Stor Plus

Drives have come down so
INDI pass the advantage on to
YOU

Plugs into the PCMCIA Slot of the Amiga 600
& 1200 and is ready to go. Excellent build
quality at an amazing price. **12 Months**
Warranty



261Mb - ~~£195.99~~ **Sale Price £194**
528Mb - ~~£314.99~~ **Sale Price £312**

APOLOGIES TO OUR CUSTOMERS

INDI have discontinued internal IDE Hard Drives.
The Smart Stor Plus is in our opinion faster and far better
value for money

You've seen all the reviews
on this popular and affordable
second Amiga drive.
"Compatible with all Amigas
Quality 9 out of 10."
Exceptional value for money.
Amiga Computing

£44.99

SALE PRICE



ZAPPO EXTERNAL FLOPPY DRIVE

DID YOU KNOW THAT
MOST MAJOR SOFTWARE
PUBLISHERS ARE BRANDING
THEIR CD32 SOFTWARE



US Gold, Electronic Arts,
Elite, Team 17, Mindscape,
Krisalis, and Kixx

Monitor SALE

MICROVITEC MONITORS

This superb monitor offers a high quality
0.28 dot pitch and low radiation total
MPR-II compliance. Complete with
external Stereo Speakers and includes all
leads - this is the monitor that we have all
been waiting for.

External
Speakers
Included



£285.99

SHARP MONITOR / TV



The superb Sharp 14" Monitor / TV
provides a real alternative to a Commodor
Monitor with full function remote control
39 channel electronic auto search tuning,
digital on screen display and 1.5 watt Mp3
audio output. All you need to know is the
low low price. The Sharp Monitor / TV is
the product for you complete with scart
socket and connectivity cable and including
12 months Warranty.

SALE £159.99

SX-1

CD 32 EXPANSION MODULE

Order today and fill in our credit application
form. Choose a payment period from 6 - 60
Months and you will soon be using your SX-1
for 6 months for nothing.
The Amazing SX-1 Module simply slots into the
back of your Amiga CD32 and a whole world of
expansion opens up for you. Add a keyboard,
floppy drive or even fit a superfast hard drive.
Instantly your CD32 is no mere console, it's a
real computer.

FREE FREE FISH
SX-1 EXPANSION
MODULE

£189.99

Expansion Options
BLACK KEYBOARD £37.99
ZAPPO FLOPPY DRIVE £44.09

SX-1 Super Bundle

SX-1 Expansion Module
Black Keyboard
Zappo Floppy Drive

£249.99

SALE

FREE
Zappo T-Shirt or Zapsac
with every Zappo Product
Confirm when ordering



TEL: 0543 419 999 FAX: 418 079

ANNOUNCING THE NEW PANASONIC KX-P2135

A 24 Pin Quiet colour printer, designed for those who need low cost professional quality output, giving all your documents and presentations eye catching colour. The NEW KX-P2135 incorporates a 20 page built in sheet feeder, a flat belt push tractor feed to facilitate easy loading together with a noise level of only 46.5dBa (43.5dBa in super quiet mode)

Quiet Printing 46.5 dBA - 43.5 dBA SQ Mode
Multiple font capabilities including 3 draft and 7 letter quality

- Tractor feed
- 2 paper paths
- 7 Colour printing
- 250 cps Draft Micron, 83 cps LQ
- 1 Year Warranty

Please note all Panasonic Dot - Matrix printers are supplied with tractor feed, FREE of Charge. Other Companies can charge approximately £50 extra for this feature.

FREEPHONE 0800 444220
for your FREE Amiga Driver Disk

£151.32



Panasonic KX - P4400

New KXP4400 Ultra - Compact LED LAZER QUALITY Page Printer the printer that fits virtually anywhere. Ultra small footprint (12.7cm x 38.8cm x 29.4cm ex trays) At under 6.5 kg this printer travels with you. They also feature energy efficient power save.

Page Printer standard Specification

- * 4 pages per minute of laser quality output * 100 sheet, multi purpose paper tray (A4, letter, legal and executive)
- * 1 Mb Ram expandable to 5 Mb * 1600 copies per toner * 1 Year On Site Warranty * 28 Bitmapped fonts
- * HP Laserjet IIP

MASSIVE SAVING £351.32



Panasonic KX-P4410 Laser Printing

- * 5 pages per minute
- * 28 resident fonts
- * Optional 2nd input bin (total printer capacity 2x200 sheets)
- * Low running costs
- * Parallel Interface
- * Optional memory expansion to 4.5 Mb (0.5 Mb as standard)
- * HP laserjet II emulation * Including Superprint
- * 24 Months On - Site

£351.32

WHILST STOCKS LAST

SALE PRICE

ROMBO

SALE PRICE

MEGAMIX. Low cost, hi spec digital effects cartridge plugs into the printer port of the Amiga. Allows stereo sampling from almost any musical source. **INDI PRICE £26**
TAKE TWO. Animation package is a must for computer artists and enthusiasts of all ages. As used in Rolf Harris Cartoon Club. **INDI PRICE £34**

VIDI AMIGA 12. The ultimate low cost colour digitiser for the Amiga. "the best value full colour digitiser on the market" - Amiga Format. **INDI PRICE £69**

ROMBO VIDI AMIGA 12 (RT)

Based on the best selling Vidi Amiga 12. This all new version offers real time colour capture from any video source. Full AGA chipset support as standard for all A1200/A4000. **INDI PRICE £129**

ROMBO VIDI AMIGA 24 (RT) Plus FREE Power Supply

For the more serious user, this 24 - bit version will again capture from any video source with true photo realistic images! A staggering 16.8 million colours can be utilised with incredible results. Full AGA chipset support. **INDI PRICE £219**

ALFAScan - PLUS 256 GREYSCALE & ALFA COLOUR 256K COLOUR HAND SCANNER

This Superb A4 Amiga Scanner voted "Amiga Shopper Best Buy", arrives complete with Merge IT and Micrograph OCR Software. Merge IT allows the simple, quick merging of two on-screen images and Micrograph OCR turns your Amiga into an efficient text reading system. Amiga 500/500+ plus /A600/A1200/A1500/2000/3000/4000 * Minimum 1Mb memory * Minimum 2Mb memory & a Hard Disk to run OCR option. * Kickstart, Workbench V1.2 or higher.

ALPHASCAN PLUS 256 GREYSCALE

£124.99

WITH OCR SOFTWARE
Optical Character recognition allows you to edit Scanned Documents. Perfect for Word Processing Applications

SALE PRICE

ALFA COLOUR WITH 256 COLOUR HANDSCANNER

£294.99

SCOOP PURCHASE

Top Quality 100% Error Free

BULK DISKS

50 Disk Pack £11.69 Disk Labels 500 Pack £4.50

PRINTER ACCESSORIES

- 1) Printer Dust Cover Tailored dust cover for the Panasonic KX-2123 printer **INDI PRICE £8.99**
- 2) Printer Stand - 2 Piece printer stand **INDI PRICE £9.99**
- 3) Paper Pack - 500 sheets of quality A4 paper **INDI PRICE £9.99**
- 4) Continuous Paper 2000 sheets 1 part listing paper **INDI PRICE £19.99**
- 5) Parallel Printer Cable - Used for connecting Amiga to Panasonic printers **INDI PRICE £8.99**
- 6) Panasonic Colour Ribbon - Colour ribbon for KX-P2123 **INDI PRICE £12.99**
- 7) Panasonic Black Ribbon - Black ribbon for KX-P2123 **INDI PRICE £6.99**

Canon PRINTERS

CANON BJ10SX

* 110 CPS * Portable Printer (1.7 kg) * 360 DPI * Optional auto cut sheet feeder * 1 Year Warranty

CANON BJ200

* 173 CPS high quality-248 CPS high speed * 360 DPI * 8 resident typefaces * Lightweight Compact format

* Built in cut sheet feeder holds 100 sheets * 1 Year warranty

£174.99

£224.99

Do You Own AN AMIGA A1500 / A2000 / A3000 Or A4000

2091 SCSI CONTROLLER CARD

- * 6.6 Roms for use in the A4000 * Upto 2Mb of 16 bit dips can be fitted
- * Any 3.5" SCSI Hard Drive can be fitted
- * Install software for SCSI Hard Drive Any other standard SCSI device can be added
- * Tape streamer * SCSI Scanner * External Hard Drive

£69.99

LAST CHANCE

MBX 1230 XA 50 Mhz 50 Mhz 68030 & MMU

- * Allows your A1200 to run 1.52 times faster than a A4000 / 030
- * Easy trap door installation (No soldering required)
- * Fast RAM upgradable to 128 Mb (72 pin 32 bit)
- * On board battery backed clock
- * Does not interfere with PCMCIA port

50mhz

50mhz +50mhz FPU

£199.99

£229.99

AMIGA REPLACEMENT FLOPPY DRIVES

Amiga 500 / 500+
Amiga 600 / 1200

£34.99

Commodore 601

Trapdoor upgrade for the Amiga 600.
512K. **INDI PRICE £19.99**

Acorn

Action Pack

32 - BIT RISC TECHNOLOGY



ACORN MONITOR

AKF52 Multiscan Monitor
* Medium Resolution SVGA 0.28 dp

£244

- * Powerful 32 - bit processor * Professional style keyboard
- * 2 joystick ports * 3.5" floppy drive * 1 Mb RAM
- * Start Write word processing
- * Zool Game Pack
- * Introductory Lemmings, Chuck Rock, Superpool and Fervour
- * Applications Suite: painting, drawing, text editor and music program
- * Comprehensive audio training tape
- * 1 Year At Home Warranty

PLUGS INTO YOUR TV SET

Acorn Action Pack

£294

EXPORT NUMBERS

TEL: (44)543 419999

FAX: (44)543 418079

INDI DIRECT MAIL
1 RINGWAY INDUSTRIAL ESTATE,
EASTERN AVENUE,
LICHFIELD STAFFS. WS13 7SF

PLEASE ENCLOSE £5 FOR SECURICOR DELIVERY (UK Mainland)

Please send 1).....

2).....

3).....

Price..... + Delivery

I enclose cheque/ PO for £..... or charge my Access / Visa

No..... Expiry..... Signature.....

Name.....

Address.....

Postcode..... Daytime Tel.....

TEL: 0543 419 999 FAX: 418 079



AF2 95

AMIGA FORMAT news

- **World Of Amiga Show a big success.** p22-23
- **Ramiga unveil A1200 tower system.** p23
- **New Amiga Shopper on the way.** p25
- **The Chaos Engine 2 - latest news.** p26

niblets

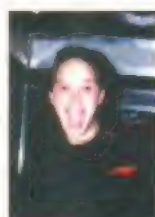
ON SAFARI

E M Compugraphics (who are 'dedicated to the support and development of desktop publishing on the Amiga' it says here) have announced special discounts (up to \$6 off) on their range of Safari font disks plus a new Safari PNM service. Now you can buy their Safari disks and compilations at a cheaper rate, or pick specific fonts (Type 1 and CompuGraphic) - five fonts for £20; 10 for £35. For more details call EMC on 01285 431389.

CD COMBINATION

If you're struggling with your CD³², SX-1, monitor, disk drive and keyboard arrangement, Premier Developments have a solution in the shape of their Combi-Centre. Specifically designed to group your hardware in a tidy fashion, the Combi-Centre features a sliding shelf to give access to the CD³², with enough room to take an A1200 instead of the PC-AT keyboard. The Combi-Centre costs £49.99 and if you can't find it in your local computer retailer, give Premier Developments a call on 01487 823684.

WOAarr! what a great show



Nick Veitch reports from the World Of Amiga Show at Wembley

Well, seeing as how everyone has been going on about the Amiga being dead you'd be better off with a PC mate now it's got *Lightwave* too, it must have been a surprise for everyone that the World Of Amiga Show took place at all.

Not only did it take place, but it was a thoroughly wonderful gathering. Lasting three days at the Wembley Exhibition Centre, there were some wild, weird and indeed wicked things on display. Exhibitors came from all over the world with representation from Europe, Australia and the USA.

It has to be said that it was not the biggest Amiga show ever, but it was certainly the most interesting. In spite of the question mark hanging over the Amiga there were an awful lot of new, exciting and groundbreaking things on display.

WINNERS!

Every day of the *World Of Amiga Show*, *Amiga Format* held a reader's raffle, the prize for which was a rather desirable CD³² bundle. In typical form, nobody who won was still there at the end of the day to collect the prize, so it looks like we'll have to post them. Those ever-so-lucky winners were:

Mr AP Payne of Basingstoke,
Mr G Strouthos of Cheshunt, Herts,
and Ms TG Parks of York.

Snatching the title for the longest-awaited piece of hardware for the Amiga ever was the Roaster add-on. Yes, that's right, the much hyped, much delayed effects co-processor for the very popular *Opalvision* graphics board has arrived at last. White Knight are distributing this electronic masterpiece in the UK, and you can contact them on 01920 822244. They were also demonstrating something perhaps even more impressive - the Digital Broadcaster 32, a broadcast quality non-linear video editing system for the Amiga. Look out for reviews in a future issue of *Amiga Format*.

Possibly the most impressive piece of new software was the official launch by Almathera of *Photogenics*, the amazing new

image processing/art package. Written by Paul Nolan and finished off by Almathera's top programmers, this is truly groundbreaking stuff. If you don't believe us, check out the review on page 90.

For sheer effort, if nothing else, the star of the show on the games side was the CD³² version of *Alien Breed 2: Tower Assault*. Whatever the review of the actual game, the full motion intro sequence is quite stunning. Amiga owners who attended the Future Entertainment Show will have seen a sneak preview of the *Lightwave*-generated graphics and effects, but this has now been cut together with the live action scenes. The comedy interest is provided by ex-AF editor, Marcus Dyson, who has obviously been sampling an awful lot of the

FREE TICKET TO COMPUTER FAIR

Those of you who are still smitten with show fever should not worry. The Bruce Everiss All Formats Computer Fair runs throughout the year and there's plenty of stuff for Amiga users, and for those who want to look back on the nostalgia of the C64 or the Spectrum. To get you in the mood we have signed up an exclusive deal to allow you free entry to any of the shows up until the end of April.

We're really sorry, but the only way this can work is if you cut out the coupon below because no photocopies will be accepted. The venues and dates are all on the ticket, so off you go and have a good time.

ALL FORMATS COMPUTER FAIR

VALUE £4

STANDS ARE AVAILABLE FROM ONLY £60
RING 0181 856 8478

JANUARY 1991

22 London Tolworth Recreation Centre, A3, Surbiton
28 North West Haydock Park Racecourse, 723, M6
29 Harrogate Royal Baths Assembly Rooms

FEBRUARY

11 North East Northumbria Centre, Washington, Dist 12
12 Scotland Woodside Hall, St Georges X, Glasgow
18 North West Haydock Park Racecourse, 723, M6

19 Midlands
25 Bristol
26 London

National Motorcycle Museum, 36, M42
University of the West of England, 71, M32
Tolworth Recreation Centre, A3, Surbiton

MARCH

11 North East Northumbria Centre, Washington, Dist 12
12 Scotland Woodside Hall, St Georges X, Glasgow
18 North West Haydock Park Racecourse, 723, M6
19 Midlands NAC (Royal Showground) Stoneleigh
25 Essex Courage Hall, Brentwood, 328, M25
26 London Tolworth Recreation Centre, A3, Surbiton

APRIL

1 North East Northumbria Centre, Washington, Dist 12
2 Scotland Woodside Hall, St Georges X, Glasgow
8 North West Haydock Park Racecourse, 723, M6
15 Warwick Bassettlaw Centre, Eastgate
16 Midlands National Motorcycle Museum, 36, M42
23 London Tolworth Recreation Centre, A3, Surbiton

ALL FORMATS COMPUTER FAIRS LIMITED

All Fairs 10am - 4pm

Redemption value 0.00001p



TOP: DPS were next to NewTek, and with the help of Joe Benzing and some legs, were demonstrating the PAR card.

TOP RIGHT: Helpful Amiga Format staff were on hand throughout to deal with reader enquiries and eat lots of sweets.

CENTRE: Just one of the seven wonders of the show, a leaning tower of Cannon Fodder 2s.

Northern brews since his move to Team 17 in Yorkshire. However, the Wakefield-based software house also receive the Northern Nonce award, because one of their number was seen to retire to bed leaving one-and-a-half pints of Guinness unattended in the hotel bar. Booo.

NEW CYBERSTORM

On the slightly more useful side, GP Software had come all the way from the land down under to demo *Directory Opus 5*, due for release soon. They were also showing the latest versions of *GP Fax*, and *EasyLedges*, reviewed in Issue 66.

If speed is your thing then you should have popped along to the Harwood stand, where the prototypes of the Cyberstorm 060 accelerator were on display. This monster of megaflops was clocking up over 80MIPS (Million Instructions Per Second) without breaking into a sweat. The result is

TOWER SENSATION!

To those of you with an A1200, watch out for a full review of the A1200 Tower from Ramiga. This rather excellent piece of kit was on display at the World Of Amiga Show and attracted much attention, as indeed it deserved to. The Tower concept is simple - take an A1200 motherboard out of its case and install it in a Tower-style box. This gives you the ease-of-use and sturdy construction you need, especially if you want to mount extra devices such as multiple hard disks and CD-ROM drives. More than this, the Ramiga Tower gives you four Zorro II compatible slots, so expansion is no longer a problem.

The Tower will also have space for multiple disk drives and a connector for a PC-style keyboard. Emulation for Amiga keys is hard-coded to avoid any incompatibility problems.

This was the venue for the launch of a new art package from Almathera. Everybody either went away very impressed, or very impressed and carrying a copy of *Photogenics*.

an engine which can do anything approximately four times faster than a stock A4000/040. Unfortunately, the Cyberstorm will not be available until Motorola make some more 060s. At the moment there are only two in the hands of the German developers, but shipments in significant numbers should start soon.

Those of you with printers will be pleased to hear that Jeff Walker, who was

"Although this wasn't the biggest Amiga show, it was certainly the most interesting."

running the *Just Amiga Monthly* stand, has now got stocks of *Studio Printer Software V2*. This is a new version of the rather excellent printer utility developed by Wolf Faust, and will be reviewed in the next issue of *Amiga Format*.

Frank Hoen of *Communicator* fame came along to the outrageously large and busy *Amiga Format* stand to show us *Communicator 2*, a new and improved method of connecting your CD³² to any Amiga, and transferring data at realistic speeds. Once again, we'll have to crowbar a review of that into next issue. The outrageously tall (6'6" at least) Mr Hoen also had a *Helm* update about his person, which he is hoping to distribute in the UK.

If anyone is really interested in emulating out-of-date operating systems, a new version of *PC Task* was on display, which supports various memory options enabling you to run some rubbish called *Windows* and attempt to master slow and unwieldy "professional" software.

All in all it was a momentous event, and rather like Agincourt, all those that missed it should forever feel accursed they were not there. Or at least make the effort to come to the next one.

Jeff Walker Column



If you didn't visit the World Of Amiga Show at Wembley, you missed the best Amiga exhibition there has ever been in this country. Never mind how many exhibitors there were or how many people came through the doors - although neither figure is actually anything to be ashamed of. I'm talking about

quality, not quantity. Never before have we had an Amiga show where games took a back seat while Amiga applications and hardware companies from around the world demonstrated their wares to eager audiences. For instance, Phase 5 were knocking people's socks off with their 68060 accelerator and a new graphics card that had people gaping at its performance and gaping wider at its low price. Phase 5 were sharing a fairly large stand with Gordon Harwoods, who had also roped in Canon to show off the new colour bubble jets printing from *Final Writer*. As this trio was just across the way from me on the JAM stand I couldn't help but notice how busy they all were.

Next door to me were Blittersoft, who had pulled off the quite amazing feat of persuading Jim Drew of Utilities Unlimited to fly over and demonstrate *Emplant* with the Mac and prototype PC modules. Half an hour after opening time each day there was a crowd around Jim and Emplant. This crowd did not disperse until after the show had closed and they were (politely) threatened with physical ejection by security staff. Incredible to think that up until two weeks before the show Jim didn't actually have a passport. Bet he's glad he made the effort; I know his customers were, even if the PC module is still not yet finished, although Jim did publicly give a definite shipping date of mid-January.

ALMATHERA LAUNCHED *Photogenics* at the show and it seemed to me that every other visitor was walking around with a copy. What a smashing package they've put together there. Each of their daily theatre sessions was packed out within minutes of them being announced. Even the 2.30pm Sunday session was busy - just two hours before the end of the show when traditionally the only people left wandering around are a few thrifty souls hoping for last-minute bargains.

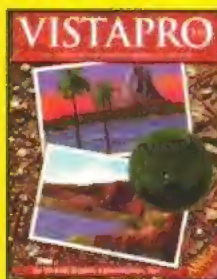
I didn't get to talk to as many exhibitors as I wanted to because I could rarely get away from my own stand. But when I did get away for 10 minutes here and there, everyone I spoke to was at least "happy" and mostly "overjoyed" with what was happening. There was relief in the air. While the doomsayers continue to shout loudly about the demise of the Amiga market, just about every exhibitor at WOA will tell you a different story.

DON'T LET anyone kid you the Amiga is dead. Far, far from it. Everywhere I looked at WOA I saw distributors and developers from around the world in huddles doing deals. Ramiga International's comfy sofas were so packed with them that at times they outnumbered the visitors to the stand.

You showed us that you are happy - no, eager - to invest in your Amigas, and the trade is already responding by making even larger financial commitments to even longer-term Amiga projects. The companies that matter now have an unshakable confidence in the future because you have shown that you have confidence. There are certain US companies who say that the European market, where in the past 85% of all Amiga sales were made, is lost and that the "untapped" US market is the future. Do me a favour, will you? Before you go to bed tonight, get down on your knees and pray that none of these flag-waving, short-sighted companies end up with a stake in what is still the best personal computer that's ever been built.

The opinions expressed in The Jeff Walker Column are for once also those of Amiga Format

Emerald Creative Technology



Create stunning landscapes and flythroughs with Vista Pro. Makepath & Terraform, and explore the night sky with Distant Suns. £59.95+£4.00p&p

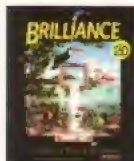
Vista Pro
Distant Suns
Makepath & Terraform

Imagine
v3

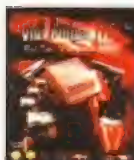
New version of the incredible 3D package from Impulse. Bones feature, new textures and more. Order with the Essence & Forge pack for an even better deal! £99.95+£4.00p&p



Lightwave
£449.95



Brilliance 2
£45.95



Vidi Amiga
12 RT
£149.95



A1200
InsiderGuide
£12.95



Mini Office
£37.95



Kid Pix
£19.95

AMIGA-PC UTILITIES

PC Task 3 NEW £59.95
Emulate a 286 PC, run Windows 3.1 in SVGA screen modes, Wolfenstein 3D etc
PC Task v2-3 upgrade £34.95

BOOKS

Secrets of Frontier Elite £8.95
A1200 Insider Guide £12.95
A1200 Next Steps £12.95
Amiga Disks & Drives £12.95
Assembler Guide £13.95
Imagine Hints & Tips £7.95
Workbench A-Z £13.95
Mastering Amiga Amos £17.95
Mastering Amiga Arexx £17.95
Mastering Amiga Beginners £17.95
Mastering Amiga Printers £17.95
Mastering Amiga Dos 3.0
Reference £19.95
Mastering Amiga Dos 3.0
Tutorial £19.95
Mastering Amiga Dos Vol1 £19.95
Mastering Amiga Dos Vol2 £17.95
Mastering Amiga Scripts NEW £19.95
Amiga Beginner's Pack £36.95
Includes A1200 Insider Guide, A1200
Next Steps, Amiga Insider Video + 4 disks
of shareware
Workbench Booster Pack £36.95
Includes Workbench 3 A-Z Insider Guide,
Disks & Drives Insider Guide & tutorial
video

DISK UTILITIES

Amiback £call
DirWork 2 £29.99
Disk Expander £29.95
Compresses your hard drive
Gigamem £47.95
Video Back-up System with Phono
cables £54.95
Backs up floppies and hard drives onto
VHS video tapes
Video Back-up System with Scart
cables £57.95

DATABASES

Digita Datastore NEW £45.95
Sbase Pro 4 £139.95
Relational database + Database
Management Language
Sbase Personal 4 £69.95

DATABASE APPLICATIONS

GB Route Plus £31.95
Mailshot Plus £35.95
Music Librarian £22.95
Plants For All Seasons £22.95
Library of plants, preferred soil types etc

SCANNERS + SOFTWARE

Epson GT6500 Scanner £599.00
A4 Flatbed 1200 dpi 24 bit colour

Epson GT6500 Scanner Controller
Software & Cables £89.00
Sharp JX100 Driver & Cables £89.95

SPECIAL OFFER

Naksha Scanner for A500 £79.95
Handheld 400dpi mono scanner for Amiga
A500 and A500+

SOFTWARE DEVELOPMENT

Amos Professional £29.95
Amos Pro Compiler £24.95
Blitz Basic v2 £49.95
Cygnus Ed Prol v3.5 £59.95
DevPac 3 £51.95
Gamesmith NEW £79.95
Hisoft BASIC 2 £54.95
Pascal £74.95

EDUCATIONAL

Any Fun School 4 £15.99 each
ADI GCSE Maths £19.99
ADI GCSE English £19.99
ADI GCSE French £19.99
Any other ADI Maths, English, or
French £16.99 each
ADI Junior Reading £15.99
ADI Junior Counting £15.99
Kid Pix £19.95
Merlin Maths £16.99
Paint and Create £16.99
Spelling Fair £16.99
Noddy's Playtime £16.99
Noddy's Big Adventure £16.99
LCL Micro English £16.99
LCL Micro French £16.99
LCL Micro German £16.99
LCL Micro Science £16.99
LCL Micro Spanish £16.99

FINANCE MANAGEMENT

Cashbook Combo £59.99
Day By Day £24.99
Digita Home Office NEW £39.95
Money Matters £34.99
Personal Finance Manager + £19.95
System 3E £49.99
Turbocalc 2 NEW £49.95
Top quality spreadsheet

HARDWARE

Editmate £179.95
Control video from Amiga, add sound via
the mixing board
Pro Grab 24RT NEW £125.95
Rendale 8802 Genlock £159.95
Rendale 9402 SVHS NEW £279.95
Video Back-up System with Phono
cables £54.95
Backs up your floppies and hard drives
onto VHS video tapes
Video Back-up Scart £57.95

Vidi Amiga 12 AGA + Take2 £69.95
Grab colour images in under a second
Vidi 12 Real Time £149.95
Grab full colour images from moving video
Vidi 24 Real Time £209.95
Picasso 2 Board 2Mb with TV Paint
Junior £289.95
Tabby Graphics Tablet £57.95
Power Floppy Drive £49.95
PC880E Economy Internal Floppy
Drive £39.95

INTEGRATED SOFTWARE

Mini Office £37.95

IMAGE PROCESSING ART DEPARTMENT v2.5 UPGRADE £39.95

Art Department Professional v2.5
ONLY £139.00
AD Pro Conversion Pack £59.99
Caligari 24 £89.95
Caligari Broadcast v3.1 £249.99
Doug's Pro Control £50.95
Image FX v1.5 £74.95
Imagine 3 £99.95
Lightwave £449.95
Morph Plus £129.00
Essence vol 1 + Forge £79.95
Essence vol 2 + Forge £79.95
Pixel 3D Pro £59.00
Real 3D Classic £69.95
3D rendering, ray tracing
Real 3D V2.4 £299.95

X-CAD

LIMITED TO JUST 50 COPIES OF X-
CAD 3000.

X-CAD 2000 £39.95
X-CAD 3000 £119.95

MUSIC

BARS & PIPES PRO v2.5

The latest version of the most com-
prehensive sequencer on any plat-
form. Contains 50 new features.
Bars&Pipes Pro v2.5 £199.95
Upgrade v2 to v2.5 £79.95
Creativity Kit £24.99
Internal Sounds £24.99
Multimedia Kit £24.99
MusicBox A or B £24.99
Performance Tools Kit £29.99
Power Tools Kit £29.99
Pro Studio Kit £29.95
Rules for Tools £29.99
One Stop Music Shop £479.99
PatchMeister £79.95
MIDI Patch librarian, drivers for many
sound modules and Sysex dumps

SuperJAMI v1.1+ £59.95
SyncPro £151.95
SMPTE Time Code reader and writer
Triple Play Plus £159.95
48 Channel Midi Interface
Aura £79.95
12 bit sound sampler
Deluxe Music v2 £69.95
Maxxon Magic £23.95
Screen saver - add your own samples etc
Megalosound Sampler £23.95
Music X v2 £74.95
Pro Midi Interface £19.95
Technosound Turbo 2 £25.95

PAINT PACKAGES

Brilliance 2 £45.95
Deluxe Paint 4.5 AGA £59.95
Personal Paint v6.1 £34.95
TV PAINT v2 £169.90

WP & DTP

NEW WORDSWORTH 3.1 SE
LIMITED STOCK £44.95

Final Copy 2 £47.95
Final Writer 3 £69.95
Pen Pal £29.00
TypeSmith 2.5 £118.95
SPECIAL OFFER
Pagestream 3 £174.95
Wordworth 3.1 SE £44.95
Wordworth 3.1 £79.95
Personal Fonts Maker £19.95

VIRTUAL REALITY

Distant Suns v5.0 £27.95
Vista Pro 3.0 £27.95
Vista Lite (only 2mb required) £27.95
Makepath for Vista £9.95
Animate a path in Vista
Terraform for Vista £9.95
Change landscapes

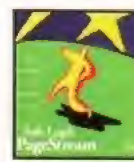
VIDEO PRODUCTION

**BROADCAST TITLER 2 SPECIAL
OFFER**

JUST A COUPLE LEFT AT £99.95
Big Alternative Scroller 2 £49.95
Helm £89.95
Montage 24 £259.95
Scala HT100 £49.95
Scala MM211 £139.95
Scala MM300 £289.95
Scala Echo EE100 £132.95
Media Point v3 £249.95

WORKBENCH UPGRADES

OS 3.1 for A500/2000 £83.95
OS 3.1 for A1200 £93.95
OS 3.1 for A3000 £93.95
OS 3.1 for A4000 £93.95



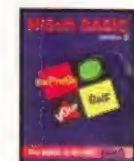
Page
Stream 3
£174.95



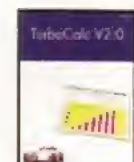
Wordworth
3.1 SE
£44.95



Essence &
Forge
£79.95



Hisoft
Basic 2
£54.95



TurboCalc 2
Spreadsheet
£49.95



PC Task 3
£59.95

All Prices Include VAT

HOW TO ORDER: CHEQUES made payable to Emerald Creative. Allow at least 5 working days to clear.

CREDIT CARD: Visa, Mastercard, Access, Delta, Switch. We bill your card when we despatch the order not before.

POSTAGE & PACKING: Charges within the UK are £3.50 unless otherwise stated. Recorded post is an extra £0.55p.

Next day courier is £4.95 inc. VAT within the UK mainland. Please ask for overseas pricing.

Pricing: All pricing includes VAT but not carriage. We reserve the right to change prices - you will be informed of any change when you order.

Problems: Faulty product will be replaced or repaired if returned within 30 days of purchase. We will refund if we can't repair the goods. E&OE

Tel 0181-715 8866

Fax 0181-715 8877

Rapid House, 54 Wandle Bank

London SW19 1DW

Don't miss new-look

AMIGA SHOPPER

Next month sees some big improvements to our sister magazine, *Amiga Shopper*. The March issue, on sale Tuesday, February 7, will be the first to feature two Coverdisks, packed with all manner of wonderful serious Amiga stuff – complete programs (worth up to £100 in some cases!), invaluable utilities and exclusive upgrades to existing packages.

Inside there's the same essential mix of reviews, tutorials and advice, but there's a whole new section dedicated to helping serious Amiga users get the most out of the Coverdisks (both the ones on *Shopper* and *Amiga Format*). For instance, the new, redesigned issue has an in-depth feature on the AF67 AMOS Professional Coverdisk.

And to make room for all these wonderful new items, *Amiga Shopper* is

increasing in size – the March issue will explode to around 124 pages! Every issue of *AS* will be thicker, with all of the pages printed in full-colour on glossy paper. The cost of the magazine will be rising to £3.95, but it will remain the best-value magazine for money for the serious Amiga user.

"*Shopper* will of course continue to be the only 100% serious Amiga magazine worth considering," said Future's Amiga Group Publisher, Steve Carey.

"But the addition of Coverdisks means we'll be able to provide much more interactive tutorials, as well as offering valuable, full-price programs."

The all-new, all-singing, all-dancing *Amiga Shopper* is on sale in all good newsagents (and a couple of rosey ones), from Tuesday, February 7. Demand is sure to be high, so reserve your copy now!

Power talks sense shocker!



"The latest issue of *Amiga Power* is currently something of an enigma. As I write, although we've got a fantastic demo of *Super Skidmarks*, and some great

cows on wheels on the cover, the actual game hasn't turned up for review yet. Will it arrive in time? Or will we have to endanger our lives once again, working around the clock to fill those pages with something equally exciting?

"Only by buying the new *Amiga Power* can you find out. What I do know, though, is that we've got lots of other reviews, a demo of *Shadow Fighter* (the best beat-em-up on the Amiga), a complete guide to The Strange World Of The Amiga, and part two of Cam's *Cannon Fodder 2* tips. *Amiga Power* – you'll hate it so much you'll want to die."

Jonathan Davies, Editor

nibblets

MULTILAYER OVER HERE

Prime Software's compositing and layering tool, *MultiLayer*, is now being handled in the UK by Kaleidoscope Productions (01726 832220). For £129.95 *MultiLayer* provides up to 100 layers of digital compositing, all at 32-bit D1 quality. Compatible with ADPro or ImageFX, it features a wealth of tools, such as variable transparencies, adjustable dissolves plus full ARexx accessibility.

SAMPLE CD

Pure Technology (01745 332635) have released a new CD packed with samples for budding musicians. The Cosmos CD contains 77 minutes of digital and analogue samples and sound effects and costs £34.95.

MUSIC TO YOUR EARS

Blue Ribbon Soundworks' range of music programs is now to be handled in the UK by Premier Multimedia. You can get free pre-sales advice on Blue Ribbon's new packages by calling the Premier Line on 0181 332 6969.

PETRA PD

If you're looking for high quality PD software, and would like to help a worthy cause at the same time, why not talk to Petra Software? This non-profit-making Licenceware company has been set up to provide decent PD software in return for donations to the Somerset Cot Death support group. Contact Petra at Flat 5, Somerton House, Somerton, Somerset TA11 7PY.

EPSON LAUNCH ADVANCED 24-PIN PRINTER

Epson have released the new LQ-300 24-pin printer offering a whole host of advanced features which belie its £239 retail price.

The small LQ-300 is ideal for home desktops and can print at speeds of 240 characters per second at 12 characters per inch. It has a convertible push/pull tractor for precise handling of multi-part stationery, and with an optional continuous sheet feeder, 50 sheets of paper can be loaded for document or repeat printing. There's also a £40 upgrade which enables you to add colour to your work. For more details call Epson on 01442 61144.



The new 24-pin LQ-300 has a lot of features for £239.

Lightwave courses

Premier Vision are launching a series of *Lightwave* seminars next month covering 3D modelling, animation and rendering with Newtek's AF Gold-rated package.

The day-long courses cost £50 and are aimed at beginners, experienced users and those who want to see what *Lightwave* is capable of before buying it. The seminars begin in February at the Premier Vision headquarters in Blackfriars Road, London. They are being run by Andy Morgan, a graphic designer and Amiga enthusiast. Call Andrew Bishop at Premier Vision for further details on 0171 721 7050.

SAFE AND SAVE

Gascom have released PowerSave and LaserSave – two power saving devices aimed at reducing energy costs and heat emissions of printers and monitors and thus improving the lifespan of your hardware.

These electronic modules plug in between the parallel printer cable and power cable of the laser writer, or power cable and keyboard/mouse cables and the monitor. After a set amount of time, the modules completely turn off all power to the printer or monitor. The current goes back on when data is detected in the printer cable, and the monitor is powered up again when the keyboard or mouse is moved. Gascom reckon their power savers help computer users comply with the new Health and Safety Regulations (1982) and the Display Screen Directive from the EC. So if you want to make sure of a happy and safe working environment, call Gascom on 01963 337736. The special launch price of PowerSave is £35.95 (plus £2.50 P&P), while LaserSave costs £119.95 (plus £2.50 P&P).



New from Gascom: PowerSave (above) and LaserSave.

New genlock



The Fusion genlock and HT-100 package is aimed at budget users.

Amitek's new Fusion genlock is now available through Silica and comes with a free copy of Scala's HT-100 video titling package.

The £99 genlock is aimed at the beginner wanting to get into desktop video on a limited budget. The Fusion is a composite genlock, and is powered by the Amiga, negating the need for an external power supply. Controls include a single vertical fader plus three settings for Picture Only, Graphics Only and Overlay. The inclusion of Scala's HT-100 means that Amiga owners with access to a pair of video recorders can get to grips with home editing, titling, adding effects, overlaying captions or animations to videos. Anyone wanting to start down the rocky road to *Beadle's Hot Shots* can contact Silica on 0181 309 1111.

Tim Smith Column



Here's a computer joke. Is the Pentium sticker found on many computers in these modern days really there for information, or is it a warning? Thank goodness it's a new year that's all I can say. Because I need a fresh start to cope with the piece of news from Intel regarding its flagship

PC chip. It's going to take me a year to work out what Intel actually mean when they say that the bug in the Pentium chip will only occur once in every 27,000 years (or whichever other figure it came up with). Does this mean that the error could occur twice every 54,000 years? I would assume so. Because as far as I'm concerned this means that it can happen. Full-stop.

Well most of us have a feeling about our luck. Someone tells me that I've got a 50-50 shot of winning £100,000 and I think: "Great, there's a 50 per cent chance of not winning". If someone explains that there's a 10,000-1 chance of me having a piano dropped on my head on a Tuesday, then bingo! I don't go out on Tuesdays. It's subjective...

So the notion that a bug has occurred in one of the prime pieces of hardware to have been thrown at us from every media source you can think of is not really as bad as all that, honestly, doesn't really sit that well. Like I said, it's subjective. Bear with me.

Because I'm biased about this anyway, I'd like to make an analogy. What, for example would happen if Boeing were to bring out a passenger aircraft whose artificial horizon only went squiffy once every 27,000 years? Would you get on it? Would anyone? I believe that they would and this would be a good thing. I am also sure that OJ Simpson will get a fair trial and that the Royal Family's problems affect my everyday life. And what does all this mean to the Amiga and its many ardent fans?

Well first of all, it means that this time, people can see that what everybody had taken as being a given Good Thing is in fact a Less Than Good Thing. In fact it's a Faulty Thing. People might start to think for a moment. And they might realise that, for the average computer user, what you need is a cheap, reliable, expandable computer. Secondly, it gives Amiga users one more reason to feel a bit bloody smug.

OK, so maybe Commodore have screwed up once or twice on their marketing, and on the fact that they underestimated the reality that 'a games' machine could do far more than the marketers ever expected — the guys who put the thing together were always aware that the architecture and software were more versatile than simple sprite throwers — the Amiga has always done its basic job. And that is to be a computer.

The Amiga can, has, and will continue to live without the hype and the marketing budgets that claim that a £2,000 PC is the best computer ever... well for three years by which time your £2,000 has miraculously turned into £899.

The A500 and A1200 have provided the people who use them (many of them because they can't afford the prices charged for PCs or for the 'people's computer' the Mac) with more than enough power and more than enough expandability to create, equate and play. Of course I could be over-reacting to all this. Who really wants reliable computing when the Pentium not only brings you computing power but also a free gamble every time you use it?

Tim Smith can be contacted on tsmithhb@ix.compulink.co.uk and timbo@gashead.demon.co.uk

The opinions expressed in The Tim Smith Column are not necessarily those of Amiga Format

AMIGA games FORMAT news

Steve Bradley rounds up all of the latest news from the wide and wonderful world of Amiga games.

Too much Chaos

Remember *The Chaos Engine*? The Bitmap Brothers' fabulous shoot-em-up remains an office favourite some two years after its release and *Renegade* are set to release a sequel, interestingly titled *The Chaos Engine 2*.

Renegade claim that it will be totally different — instead of the pally, two player help-each-other-out tactic of its predecessor,



The Chaos Engine is more than just a sequel according to *Renegade*.

you will be in direct competition with another human or CPU player. The two-player mode will feature a split screen and there is a "fully scored soundtrack using a conditional music system", which we shall earnestly listen to upon the game's release. And loudly we shout about our forthcoming *The Chaos Engine 2* demo, probably on the April issue.

Team 17 talk

Team 17 remain one of the most active supporters of Amiga games and three more are ready to roll. *All Terrain Racing* you should know all about. What do you mean you missed last month's demo? It's a top-view down racing game with a simultaneous two-player mode and we'll have a full review next month. If it's finished.

Worms is described by Team 17 PR fellow Alan Bunker as, "a cross between *Lemmings* and *Cannon Fodder*". He always did talk a good game. The action takes place over a multi-directional scrolling landscape where up to four platoons of four worms do battle using a variety of weapons. A multi-player option allows up to 16 people to play at once. It sounds fascinating, but you'll have to wait till April before you can play it.

Pussies Galore is a platformer with four worlds and missions galore. A cat called Evil Eric has released a record which has put the world's kittens under a spell, and only Boris the cat can save them. Sounds far fetched but Team 17 promise a humorous platformer with a difference. But then they would, wouldn't they? Due in March.

WIN A SENSIBLE SOCCER SHIRT

We've got five, fabulous *Sensible World Of Soccer* football shirts to give away. Just write to us on a postcard at, Oh Shirt!, Amiga Format, 30 Monmouth Street, Bath BA1 2BW. Oh, and name a popular British badminton star. First five correct answers win a shirt.

Happy Daze

Impressions and Daze Marketing, strategy brothers-in-arms, are releasing *High Seas Trader* and *Front Lines* in February.

High Seas Trader is a first-person, captain-of-your-own-ship affair with lots of sailing, trading and it apparently features a: "highly intuitive and responsive interface". The idea is to pillage the seas, build a fleet of ships and generally increase your wealth. A1200 only.

Front Lines is a tactical, turn-based wargame set in Pearl Harbour, not in 1941, but some 99 years later in 2040. A group of fiendish renegades are intent on taking over the world, with pugnacious tactics the order of the day. The gameplayer must



High Seas Trader: a game of strategy and pillaging set on the ocean wave.

quell this tide of evil. There are 18 types of futuristic weaponry, multiple scenarios, and each turn is reckoned to take five minutes. Due out in February, *Front Lines* is for A1200s and 1Mb machines.

MODEMS

Top quality feature packed fax-modems at amazing prices! All modems include a cable to connect the modem to the Amiga, NCOMM3 software, beginners guide to Comms disc and an 80 page manual. All modems include MNP 2 - 4 error correction, MNP 5 data compression and are FAX Class 1 & 2 Group 3 compatible. Please telephone for a full specification sheet.

Speedcom+B 14400 modem £124.99
Speedcom+E 19200 modem £164.99
Speedcom+Bf 28800 modem £214.99
GP FAX software £39.99



SUPER LOW PRICES

X-BACKUP PRO

The most powerful disc back up system for the Amiga includes the unique Autoswitch Cyclone Cartridge (requires an external discdrive) that will enable you to back up virtually any floppy disc onto another floppy disc. Will also back up hard drives and includes a full file management system and dozens of excellent disc tools.

FULL MONEY BACK GUARANTEE:- If at the time of purchase you can find a more powerful disc back up utility, we will refund your money!



£39.99 (plus £1.00 for postage and packing)



siren

No.1 for mail order

**SALES HOT-LINE
FREEPHONE**

0500 340548

ENQUIRIES: 061 796 5279

FAX: 061 796 3208

Excite your Amiga

HARD DRIVES

Our high speed 2.5" hard drives for the Amiga A600 & A1200 computers come complete with fitting cable, screws, partitioning software and full instructions and 12 months guarantee. They come already partitioned with Workbench installed for immediate use. We offer free fitting for personal callers.

20mb £89.99	170mb £214.99
40mb £114.99	258mb £264.99
60mb £129.99	344mb £299.99
85mb £134.99	540mb £449.99
120mb £159.95	



FREE VIDEO & STAKKER with every drive

FREE

'HOW TO FIT YOUR HARD DRIVE' video and Stakker disc to increase the drives capacity with every drive.

Amiga A1200 only **£275** if purchased with a hard drive. Price includes fitting A500/A1500 hard drives also available. Interface is only **£99.99**.



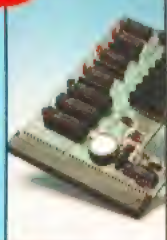
4mb only £169.99

MEMORY EXPANSION

A1200 4mb Memory accelerator with battery backed clock. Simple trap door fitting. Almost doubles the speed of the A1200. Zero wait state 32 bit wide Fastram. **£169.99**.

Expandable Memory accelerator with clock and FPU socket. This memory accelerator can be expanded from 2mb to 8mb and also have a Floating Point Unit fitted

2mb £129.99.	20mhz FPU £39.99.
4mb £189.99.	40mhz FPU £79.99.
8mb £329.99.	50mhz FPU £119.99.



CLOCK CARTRIDGE

The clock cartridge will enable your Amiga to continually store the correct time and date in its own battery backed memory. Simply plugs onto the back of the Amiga and does NOT invalidate the warranty



NEW! ONLY £19.99

ALSO AVAILABLE

A1200 CD ROM Drive

£194.99

A1200 3.5 hard drive fitting kit

£17.50

Viper 28MHz **£144.99**

Viper 33MHz **£214.99**

Viper 40MHz **£244.99**

MONITORS

Excellent quality monitors for a superior picture quality with reduced eye strain.

Sharp 14" TV/Monitor

£174.99

Philips 8833 mk II monitor

£249.99

Microvitec 1438 monitor

£288.99



SOUNDBLASTER

The SOUNDBLASTER is a superb stereo amplifier that comes complete with 50 WATT high quality 3 way speakers, power supply and free stereo headphones. The SOUNDBLASTER adds a new dimension to games playing with its stunning stereo sound.

50 watt speakers



NEW LOW PRICE £34.99

(plus £5.00 for postage and packing)

DELUXE FLOPPY DISC DRIVE

Top quality, silent, 'Cyclone Compatible' 3.5 drive. Features long reach cable, on/off switch and thru connector **£54.99** Internal replacement drives: A500/A500+ **£44.99** A600/A1200 **£44.99**. 3.5" discs Supervalve bulk packed or branded discs 3.5" DSDD discs.

QTY	Bulk	Branded
10	£4.25	£5.25
25	£10.99	£11.99
50	£19.99	£21.99
100	£36.99	£41.99
200	£68.99	£78.99
500	£167.99	£189.99



PRINTERS

These superb CITIZEN printers have a two year guarantee and come complete with a printer cable, paper and printer drive (if available)

ABC mono **£139.99**

ABC colour **£154.99**

Tractor feed unit for ABC printer **£27.99**

Swift 200 colour **£180.99**

Swift 240 colour **£217.99**

Projet 11 **£213.99**



Access, Visa & Switch accepted.

Send cheques (made payable to Siren Software),

Postal Orders

or credit card details to:-

**Siren Software,
178 Bury New Road,
Whitefield, Manchester,
M45 6AF England**

Personal callers welcome.

Please phone first to check availability of any item.

Directions

From M62 junction 17, head towards Bury. We are 50 yards on the right after the third set of traffic lights.

All prices include VAT. postage and packing will be charged at £3.50 per order (U.K.), £7.50 Europe and £12.50 rest of the World.

now open late
night Wednesday
& Thursday
till 7.30pm

OPEN SUNDAY
11AM TO 4PM

FIRST COMPUTER CENTRE (LEEDS) Tel: 0113 2319444

"VOTED BEST DEALER"
CU AMIGA JAN 93

FIRST
COMPUTER CENTRE

OPEN 7 DAYS A WEEK
OPEN MON - SAT 9.30AM-5.30PM
SUNDAY OPENING 11.00AM-3.00PM
WEDNESDAY & THURSDAY
Late Night Opening 9.30AM-7.30PM
OPEN HALF DAY MOST BANK HOLIDAYS

TELEPHONE LEEDS
24 HOUR MAIL ORDER SERVICE
0113 2319444 10 LINES!
FAX: 0113 2319191

SHOWROOM ADDRESS:
DEPT AF, UNIT 3, ARMLEY
PARK COURT, OFF CECIL ST,
STANNINGLEY RD, LEEDS,
LS12 2AE

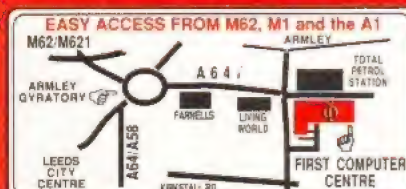
HOW TO ORDER
Order by telephone quoting your credit
card. Please make cheques payable to the:
"FIRST COMPUTER CENTRE."
In any correspondence please quote a
phone number & post code. Do not forget
to include the delivery tariff & Dept. code.
Allow 5 working days for cheque clearance.

- All prices include VAT @ 17.5%
- Large showroom with free parking
- Overseas orders welcome
- Educational orders welcome
- Established Multi million pound company

**UK MAINLAND
DELIVERY TARIFFS**

- Standard Delivery £1.95
- Guaranteed 2 to 3 day (week days)
Delivery £2.95
- Guaranteed Next Day (week days)
Delivery £4.95

First Comm Bulletin Board
Why not place your orders on our new bulletin
board. First comm is not just a means of ordering, it
also gives you access to read or download technical
support files and advice.
Tel. 0113 2311422



From the M62 take the M621 and follow the turnoff for
Leeds, York, A58. This will merge with the Armley gyratory.

From the M1 follow signs for the M621 (ignore exit for
town centre). Take A643 Elland Rd turnoff from M621.
Follow signs for A58. This merges with Armley gyratory.

From the A1 take the turnoff for the A64. This merges with
the A58 (by-passing Leeds town centre) which meets the
Armley gyratory. After "Living World" at traffic lights
take a right, left, left again, & 2nd left to get to FCC.

We recommend you confirm prices
before placing an order. E&OE.

AMERICAN EXPRESS **SWITCH** **2% surcharge on AMEX**

CD ROM Drives

A1200 OVERDRIVE CD-ROM
Now includes Brutal Football, Alien Breed, Gwak,
Project X, F17 Challenge
only £229.99

Internal SCSI CD-ROM drives for the A1500/2000/4000 (with outside SCSI interface)
All drives include driver software & will read both CDTV CD32 & PC ISO 9660
standard disks. External kits for A1000 also available

CD32 Critical Zone Pack £239.99
FMV module for CD32 £199.99
NEC Multispin 2Xi Internal £167.99
• 265Ms Access time • 355KB transfer rate
Toshiba 3501B QUAD Speed
only £329.99

Sony CDU 561-25 only £114.99
Tandon IDE CD ROM Controller
for use with Mitsumi only £64.99
GVP A4008 SCSI controller £122.99
Oktagon SCSI Controller £119.99

NEW! Squirrel SCSI
PCMCIA interface
only £59.99

AMIGA 500 Plus trade in offer

If you spend **£300.00**
or more with us you can trade in an Amiga 500 Plus
for **£100.00**. Your old Amiga must be in working
order complete with PSU and modulator.

HARD DRIVES

NEW LOW PRICES! **2.5" Hard Drives** **NEW LOW PRICES!**
with installation kit

inc. software, cables and instructions
60Mb.... *£109.99 130Mb.... *£154.99
80Mb.... *£129.99 250Mb.... *£239.99

*Just Add £10.00 for fitting 2.5" drives if required

Seagate 3.5" IDE Hard Drives

inc. software, cables and instructions
We only recommend Seagate IDE 3.5" drives for the
A1200 due to the physical size of their drives. Other
drives although compatible, are much harder to fit.
260Mb.... *£159.99 350Mb.... *£219.99
420Mb.... *£234.99 540Mb.... *£269.99
720Mb.... *£359.99

3.5" H/drive upgrade kit no HD only £22.99

*Just add £35.00 for fitting 3.5" drives if required

Bare 3.5" IDE Hard Drives

260Mb.... *£135.99 350Mb.... *£169.99
420Mb.... *£175.99 540Mb.... *£197.99
1Gig.. £439.99

Bare 3.5" SCSI Hard Drives

264Mb.... *£159.99 350Mb.... *£154.99
528Mb.... *£245.99 1Gig.... *£489.99
2Gig.. *£1059.99

ROMBO PRODUCTS

VIDI 12 Real Time £139.99

Real time colour digitizing from any video source. Full
AGA support. 12 Volt PSU for above £12.99

VIDI 24 Real Time £214.99

24 bit quality real time colour digitizing from any
video source. Full AGA support. 12 Volt PSU for
above £12.99

VIDI 12 AGA £59.99
or £69.99 with TAKE 2

Full support for AGA chipset. Colour images captured
in less than a second, mono images in real time with
any video source. Multitasking s/w, cut & paste.

TAKE 2 £35.99

Features include load and save from D. Paint animations and IFF files.
Supports HAM graphics.

Megamix Master £26.99

8 bit, high spec. sampler. Special effects include echo that can
be added in real time, fully multitasking & easy to use.

STEREO/SPEAKER SYSTEMS

Aerospace Deluxe
£47.99

ZyFi Stereo System
£33.99

ZyFi Pro Stereo System
£57.99

PRINTERS

All our printers are UK spec, come
with ribbon/toner, printer drivers
(if available), paper & cables!!

Canon

Canon BJ10sx £184.99

Laser quality output. Large buffer

Canon BJ200 £239.99

3 page a min speed, 360 dpi, small footprint & 80
page sheetfeeder

Canon BJC600 Colour £434.99

New! BJC4000 £419.99

new bubble jet from Canon similar to 200 but with colour

BJ10 Autosheetfeeder £49.99

CITIZEN

Citizen printers have a 2 year guarantee

ABC Colour printer £154.99

simple (as easy as ABC) to use 24 pin printer. Comes
as standard with 50 sheet Auto sheet feeder.

Tractor feed optional at £34.99

only £139.99 if bought without the colour option

Swift 200 Colour £181.99

Same output as the 240 but with less facilities

Swift 240 Colour £218.99

24 pin, 240cps draft, 10 fonts, quiet mode, 240cps.

NEW! Project II colour £245.99

colour inkjet printer with built in auto sheet feeder

Swift Auto Sheetfeeder £79.99

EPSON

Epson LX300 Colour £149.99

9 Pin 80 column colour

LQ150 Colour £209.99

24 Pin Draft 216cps, LQ79cps

Stylus 800 + £249.99

48 Nozzle inkjet 360 x 360 dpi (max) 100 sheet

feeder

Stylus Colour £449.99

Colour Inkjet, 360 x 360 dpi, 720 x 720 (on special

paper)

HEWLETT PACKARD

NEW! HP 320 Portable £234.99

NEW! HP 520 mono £279.99

HP 500 Colour £279.99

HP 560 Colour £439.99

even faster than the old HP550C!!

All HP printers come with a 3 year warranty

Star

Star LC100 Colour £127.99

The new Star range of dot matrix printers are here

featuring a built in 55 auto sheet feeder

Star LC90 9 pin Colour £109.99

Star LC240 24 pin mono £125.99

Star LC240 24 pin Colour £144.99

Tractor Feed for the new range only £15.99

Star SJ144 Colour Thermal £249.99

Stunning affordable colour printer. 3 PPM, low

running costs

Star SJ48 Autosheet feeder

only £49.99

Universal Printer Stand

only £4.99! when purchased with printer

PRINTER CONSUMABLES

TRIBBONS

Citizen Swift mono ribbon £4.99
Citizen Swift Colour ribbon £13.99
Epson LX300 Colour ribbon £12.99
Star LC100/100 mono £3.69
Star LC200 mono £4.99
Star LC100/100 colour £7.99
Star LC200 colour £12.99
Star LC240-30 mono £8.99
Star LC240-30/200 Colour £11.99
Re-Ink Spray for mono ribbons £11.99

COVERS

Canon printer cover (please specify model) £5.99
Citizen Swift/ABC £5.99
HP 500/550/510 £5.99
Star LC100/200 £5.99
Star LC240-300/30 £5.99
Star LC100/20 cover £4.99

PAPER prices apply only when ordered with printer or

purchased direct from the showroom

Fanfold (tractor feed) 500 sheets £4.99

Fanfold (tractor feed) 1000 sheets £8.99

Fanfold (tractor feed) 2000 sheets £17.99

Singlesheet 500 sheets £4.99

Singlesheet 1000 sheets £8.99

Singlesheet 2000 sheets £17.99

Delivery for 2000 sheets £5.00 when purchased without printer

MODEMS

NEW LOW PRICES!

Think again if you are considering buying a modem
from anywhere else. We are probably the largest
supplier of modems for the Amiga supported by a
wealth of experience. Log into our free BBS modem
line for technical and sales, available 24 hours a day.

Supra

SupraFAX Modem 288

NEW Superfast! 28,800bps + 14,400 Fax

The best modem in its class! **only £229.99**

SupraFAX Modem 144LC

V.32 bis (14400 baud)

Low cost version of the classic V32bis Fax

modem. Features as below but class 1 fax only and LED display.

only £136.99

SupraFAX Modem V.32bis

14400 baud, includes V.32bis, V.32, V.22bis, V.22, V.21, MNP2-

5, V.42, V.42bis, Class 1 & 2 commands, 9600 14400 Group 3

Fax. Includes free modem comms (not Fax) s/w.

only £169.99

SupraFAX Plus £108.99

Faster than the standard 2400 with MNP 2-5 & auto adjust to maximise

transmission speeds. Auto dial & auto receive. Hayes comp, V22bis,

V42 Bis, 9600 fax speed. With free comms (not Fax) s/w.

Supra 2400 £57.50

Get on line using this great value fax modem with auto dial &

receive. 2400 baud Hayes comp, V22 BIS. Includes free modem

comms s/w!!

ALL CABLES ARE INCLUDED WITH SUPRA MODEMS!

Supra modems have not been tested by BABT, however they

performed perfectly, easy to set up and power powered a

connection. Computer Shopper, April 94

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

Supra Modems come with a 5 year warranty

PRIMA A500 & A600 RAM

3 YEAR WARRANTY!!

A500 512k RAM expansion (no clock) £19.99
A500 Plus 1 Mb RAM expansion £34.99
A600 1 Mb RAM expansion (with clock) £39.99

32 BIT RAM (for A4000 etc)

1 Mb SIMM £39.99
 2 Mb SIMM £95.99
 4 Mb SIMM NEW LOW PRICE! £145.99
 8 Mb SIMM NEW LOW PRICE! £279.99

RAM & CUSTOM CHIPS

SPEED	PLCC	PGA
25 Mhz	£49.99	£49.99
33 Mhz	£49.99	£89.99
40 Mhz	£106.99	£129.99
50 Mhz	N/A	£137.99

1mb by 8/9 SIMMS (1 Mb) £34.99
 4 Mb by 9 SIMMS (4 Mb) £144.99
 1 Mb by 4 DRAMS (1Mb) £39.99
 1 Mb by 4 ZIPS (1/2 Mb) £32.99
 256 by 4 ZIPS (each) £5.99
 256 by 4 DRAM (DILs) (each) £5.99
 DKB 1202 A1200 RAM board £84.99
 takes 2 32 bit SIMMs. Has an optional FPU.
 See above for prices

Kickstart 1.3 £23.99
 Kickstart 2.04 £30.99
 Kickstart 2.05 (for use in A600) £30.99
 Fatter Agnes 8372A £26.99
 Super Denise £18.99
 6571-0326 Keyboard controller £13.99
 CIA 8520A I/O controller £10.99

LOW PRICES! AMIGA 1200 RAM

PRIMA CO-PRO & RAM

Realise the full potential of your A1200 with this trapdoor expansion. inc real time clock

1 MB RAM	£91.99
2 MB RAM	£99.99
4 MB RAM	£194.99
8 MB RAM	£339.99
1 MB & 33 MHz CO PRO	£139.99
2 MB & 33 MHz CO PRO	£194.99
4 MB & 33 MHz CO PRO	£244.99
8 MB & 33 MHz CO PRO	£389.99

FULL 2 YEAR WARRANTY

JOYSTICKS

Competition Pro Xtra	£12.99
Competition Pro Super CD32 Control Pad	£15.99
Cruiser Black	£8.99
Cruiser Multicolour	£8.99
Cruiser Turbo	£10.99
Freewheel Analogue	£35.99
Gravis Game Pad	£18.99
Logic3 Logipad	£16.99
Sureshot Clear	£7.99
Speedking Analogue	£11.99
Speedking Auto	£10.99
Speedking Navigator	£12.99
Topstar Auto	£19.99
Zipstick Super Pro	£10.99

AMIGA REPAIR CENTRE

We offer a FREE quotation on your Amiga or any peripheral (monitors, printers etc). A delivery tariff of just £5.00 is charged for return delivery or alternatively you can visit our showroom. We can also arrange a courier pickup at an additional cost of £11.00.



All work is carried out by our highly qualified engineers in custom built premises. We will also install any upgrade/software or accessory.

All repairs are covered by a 90 day warranty.

Tel. 0532 319444
 The established name in computer repairs

SPECIAL OFFERS!

Distant Suns 5	£29.99
Personal Paint V4	£28.99
Technosound Turbo	£20.99
Technosound Turbo 2	£26.99
Wordworth 2 AGA with Print Mgr & Day To Day Planner	£39.99

Workbench 2.1 software and 2.04 ROM upgrade (complete with manuals) only £74.99

Workbench 2.04 software and 2.04 ROM upgrade (complete with manuals) only £59.99

100% RATED!



Personal Paint 4 only £19.99 when purchased with a Tabby! only £59.99

AMIGA COMPUTING AUGUST 94

The amazing new graphics tablet for the Amiga developed with the help of First Computers. 86% rated in ST Format January issue! Requires 2.04 WB or above

SCANNERS

Alfa Data Alfa Scan only £99.99
 hand held scanner with up to 800 Dpi
 Alfa Data Alfa Scan 256 only £119.99
 hand held scanner with up to 800 Dpi and 256 greyscales
 Alfa Data Alfa Colour Scan only £299.99
 18 bit scanner with 256K colours inc colour correction

Just add £20.00 for OCR software on all Alfa Scanners (normally £39.99)

Power Scanner V4 £119.99

With the latest version 4 s/w for bright & sharp grey scale performance. Flexible scanned image display manipulation options, plus Clean up, embolden, resize & flip.

Colour version only £239.99

EPSON GT6500 Colour Flatbed

only £589.50 phone for details

Art Department Pro Scanner S/W only £99.99

compatible with Epson E5300C, E5600C, E5800C, GT6000, GT6500 & GT8000

MICE & TRACKERBALLS

Alfa Data Mega Mouse
 90% rating. 400 Dpi
 only £12.99

Zydec Trackball only £29.99

Alfa Data Crystal Trackball only £34.99

DISK DRIVES



AMITEC
 1 mb 3.5" drive

Features Anti Click, Anti Virus, Sony Mech, 2 year warranty

only £58.99

NEW! Power High Density drive

2.04 or above only £59.99

Cumana 3.5" only £49.99

1 meg external drive. The best name in disc drives

A600/1200 internal drive £39.99

A500 internal drive £39.99

A4000 internal HD drive £99.99

GENLOCKS

VHS VHS S-VHS S-VHS Video 8 Hi8

hama ON DEMO NOW!

The Professional answer

hama 292 £279.99

S-Video, and composite compatible

hama 290 £688.99

S-Video, and composite mixing, plus far more

hama A-CUT Video Editor

£185.99

Rocgen Plus only £164.99

Includes dual control for overlay and keyhole effects, extra RGB pass thru. Check for compatibility.

Rendale 8802 FMC only £164.99

New Rendale 9402 only £299.99

features S-VHS, fade Amiga graphics in and out, cross fade between Amiga graphics and your video input

Rocgen Rocky only £164.99

For creating special effects in video production with genlocks.

MONITORS

All our monitors are UK spec. All monitors come complete with a free Amiga lead!

NEW! Philips 8833 MK2

This famous Stereo, colour monitor is back. Similar spec to the old Commodore 1084S.

only £234.99

Tilt and Swivel Stand only £9.99 if you purchase with monitor

Microvitec Autoscan 1438

.28 dpi, 15/38 KHz, all Amiga modes, AGA comp.no audio, tilt & swivel stand.

now only £295.99

*Free cable for A4000 only
 A1200 cable £6.99 extra

AKF 52 Multisync

only £229.99

add £6.99 for adaptor if using with A1200

ACCELERATORS

VIPER 68030 TURBO only £149.99

68030 accelerator running at 28Mhz expandable to 8 Mb 32 Bit RAM (see RAM prices) Optional SCSI adaptor.

ADDITIONAL RAM FOR VIPER BOARDS

Just add the price of our 32 bit RAM to the Viper board to get your configuration price

SUPRA 28 ACCELERATOR

for the A500/A500+ & A1500/2000

28 Mhz, uses A500 side port so there is no internal fitting

only £127.99!

GVP 1230 MKII 40MHz 4Mb £295.99

GVP 1291 SCSI MKII Module £59.99

GVP G-Force 040 40MHz 4Mb £869.99

PRIMA ROM SHARERS

This high quality ROM sharer features a flexible ribbon connection so that it can be positioned anywhere within your A500 Plus or A600. Full 2 year replacement warranty

now only £17.99 or £24.99

for keyboard switchable version

ACCESSORIES

Real Time A1200 internal clock module only £13.99

Mouse/joystick manual port switcher only £12.99

Amiga A500/600/1200 Power Supply £39.99

Amiga 500/500 Plus keyboard £45.99

Amiga 500 Plus Motherboard £28.99

Amiga 500 Plus Case £12.99

QUALITY MOUSE MATS £3.99

10 CAPACITY DISK BOX £0.99

20 CAPACITY DISK BOX £2.99

40 CAP LOCKABLE DISK BOX £3.99

100 CAP LOCKABLE DISK BOX £5.49

*90 CAP STACKABLE BANX BOX £12.99

*150 CAP STACKABLE POSSO BOX £20.99

*add £3.00 delivery if purchasing just one Posso or Banx box. Normal delivery when purchased with other product or when buying 2 or more.

AMIGA A500 DUST COVER £3.99

AMIGA 600 COVER £2.99

14" MONITOR DUSTCOVER £6.99

NEW! Keyboard Membrane Covers £14.95

AMIGA TO SCART CABLES. £8.99

STD 1.8 METRE AMIGA PRINTER LEAD £4.99

MODEM AND NULL MODEM CABLES £9.99

AMIGA CONTROL STATIONS

A500 or 1200 VERSION £36.99

A600 VERSION £29.99

DISKS

All disks are 100% error free guaranteed

New High density 3.5 inch bulk and branded

Please phone for best prices!

QTY	Bulk DS/DD	Branded DS/DD
10	£4.49	£5.49
30	£12.99	£14.99
50	£20.99	£22.99
100	£37.99	£42.99
200	£69.99	£79.99
500	£168.99	£190.99
1000	£324.99	£365.99

Branded disks come complete with labels

Disk Labels 500 £6.99

Disk Labels 1000 £9.99

SOFTWARE

BUSINESS

Maxi Plan 4	£24.99
Mini Office	£38.99
Money Matters	£35.99

CD ROM SOFTWARE NEW!

17 Bit Collection	£39.99
17 Bit Continuation	£19.99
ASIM CDFS file system	£54.99
Aminet	£11.99
CD Exchange	£19.99
Euroscene	£14.99
Goldfish	£29.99
Multimedia Toolkit (by Wierd Science)	£22.99
Network CD	£14.99

Many CD32 titles are compatible with other

Guardian	£23.99	Ultimate Body Blows	£23.99
Arcade Pool	£12.99	Simon The Sorcerer	£29.99
Banshee	£23.99	Wild Cup Soccer	£23.99
UFO	£23.99	Bubble And Squeak	£23.99
Superfrog	£12.99	Jet Strike	£21.99
Pirates Gold	£23.99	Brian the Lion	£16.99
Universe	£26.49	Cannon Fodder	£23.99
Chase Engine	£18.99	Gunsup 2000	£23.99
Headball 2	£21.99	Pinball Fantasies	£27.99
Elite 2	£23.99	CD Exchange (V1)	£16.99

NEW! PRIMA CD-ROM Volume 1

510Mb of fonts, artwork, photo's, demos, utils, games
 only £19.99

MISCELLANEOUS

Distant Suns 5	£29.99
----------------	--------

MUSIC/SOUND

Aura (12 Bit sampling package for 61200)	£74.99
Deluxe-Music Construction Set v2	£59.99
Music X Version 2	£112.99
Pro Midi Interface by Microdeal	£24.99
Techno Sound Turbo	£20.99
Techno Sound Turbo 2	£28.99

PROGRAMMING

Amos Professional	£47.99
Amos Professional Compiler	£24.99
Blitz Basic 2	£53.99
Devpac 3	£50.99

PUBLIC DOMAIN Top 30

from £1.50! (many more titles available)

First Fonts Disk 1	(PDAF01) 1 disk £2.50
First Fonts Disk 2	(PDAF02) 1 disk £2.50
First Fonts Disk 3	(PDAF03) 1 disk £2.50
First Fonts Disk 4	(PDAF04) 1 disk £2.50
D-Copy V3	(PDA004) 1 disk £1.50
Edword Pro V4	(PDA005) 1 disk £1.50
Relokick 1.3	(PDA011) 1 disk £1.50
Klondyke AGA	(PDA013) 3 disk £2.75
Mindwarp AGA Demo	(PDA015) 1 disk £1.50
Magic Workbench Utils	(PDA017) 1 disk £1.50
PC Task Emulator	(PDA019) 1 disk £1.50
Spectrum Emulator version 1.7	(PDA021) 1 disk £1.50
Spectrum Games Disk	(PDA030) 2 disk £2.25
S Fingers Rave Demo	(PDA033) 2 disk £2.25
Andy's Workbench 3 Utils	(PDA031) 1 disk £1.50
CLI/SHELL Help	(PDA002) 1 disk £1.50
Protacker 3	(PDA046) 1 disk £1.50
Perspek-Hypnosis	(PDA037) 1 disk £1.50
Benchmark Tests	(PDA035) 1 disk £1.50
Tetrus AGA	(PDA043) 1 disk £1.50
Clipart Disk 6	(PDA046) 1 disk £1.50
Clipart 10 pack	(PDA025) 10 disk £12.50
CD ROM drivers (Ami)	(PDA011) 1 disk £1.50
CD ROM Bonus Utils	(PDA022) 1 disk £1.50
V-Morph	(PDA051) 1 disk £1.50
Kellans Desert Dreams	(PDA012) 2 disk £2.25
Grapevine 17	(PDA009) 3 disk £2.75
Last Stand On Hoth	(PDA014) 4 disk £3.25
Motorola Invaders AGA	(PDA016) 2 disk £2.25
Fit Chix 2	(PDA034) 2 disk £2.25

UTILITIES

Directory Opus 4	£51.99
GP FAX 2.3 software	£49.99
Latest version of this Fast & Famous HD backup utility.	
Prima A500/1200 Hard Drive setup software. This is the best setup software on the market	£5.99
Xcopy Pro inc. hardware	£21.99

VIDEO AND GRAPHICS

Art Department Pro 2.5	£145.99
Art Department Scanner software	£114.99
Brilliance II paint and animation	£59.99
Deluxe Paint 4 AGA	£39.99
Make Path for Vista	£8.99
Mekon Magic	£24.99
Real3D Classic	£77.99
Scenery Animator V4 (3Mb required)	£49.99
Terraform	£8.99
Video Creator for CD32	£31.99
Video Director	£115.99
Vista Pro 3 (4Mb required)	£29.99

WORD PROCESSING/DTP

Final Copy 2 (UK) Release 2. NEW LOW PRICE!	£48.99
built in outline fonts, full graphics import (IFF and HAM), UK thesaurus, spelling checker & much more	
Final Writer DTP NEW LOW PRICE!	£72.99
Pinpal 1.4	£29.99
Best selling feature packed word publisher with database	
Pagestream 3 U.K. version	£249.99
Pagesetter 3	£42.99
Protext 4.3 W/P	£39.99
Wordworth 2 AGA inc Print Mgr. Special low price!	£34.99
Wordworth 3	£79.99

Get wired

Is the whole world getting on line? Richard Baguley investigates what awaits you and your Amiga in the place they call Cyberspace.

Somewhere out there in the strange world that some people refer to as Cyberspace, weird things are going on. In California, a PD author is uploading the latest version of his program to an Internet site. Within a few hours, it will be transmitted to similar sites around the world for millions of Amiga owners to get hold of.

In Ireland, an Amiga owner is answering a technical query posted by another Amiga user in America a couple of hours ago. In various places around the world, a group of Amiga owners are talking about a new graphics card that one of them has bought. They are talking in real

time, despite the fact that they are many thousand of miles apart.

In Germany, somebody laughs out loud at the latest proposal on how to destroy the world that somebody has posted to a Usenet Newsgroup. In Bath, the editor of an Amiga magazine reads the comments of some of his readers in a Fidonet Echo and replies to them.

Does this sound like some weird science fiction novel? Something dreamed up by a crazy Californian visionary? Well, it may sound unreal, but all of these examples are true. Every one of the people mentioned is a traveller on the information superhighway.

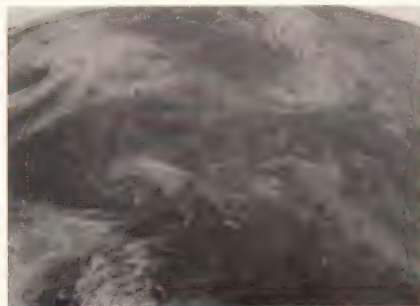
There has been, in recent months, an unprecedented amount of hype about how Comms and the Internet in particular is going to change our lives. TV programs have talked about how it could revolutionise the way we communicate with each other, with information on an immense number of subjects available at the touch of a button. So what will this actually mean to you? As an Amiga user, you are already on the cutting edge of

technology. In fact, Amiga owners have been one of the first groups to get seriously into the Comms revolution. All around the world, thousands of Amiga owners are communicating over vast distances and exchanging information and programs. This is the first part of the Comms revolution – E-mail.

Imagine writing a letter without paper. That's what E-mail is about. Instead of printing it out, sticking it in an envelope and nipping down to the post office, you type in your message, call up a local BBS or E-mail server and your message is sent winging its way across the globe.

Although there is no paper involved, it works in a similar way to a normal letter. At the start of the message is an address, and the computers use this to work out where to send the letter. For instance, to send messages to this magazine on the Internet, you would use the E-mail address amformat@futurenet.co.uk. This address identifies who the message is going to, and any computer on the Internet can look at this address and work out where to send the message. It's exactly the same as

Continued overleaf →



The daily satellite weather map from the Metnet Bulletin Board. You can download it and study the weather at your leisure.

GETTING STARTED

To get into Comms, you need three things: an Amiga, a modem and a telephone line. I'll assume you already have the first and the last, but the modem is often a source of confusion.

A modem (short for modulator-demodulator) is a device which takes the digital information (bits and bytes, a series of electrical pulses) which your Amiga sends out and transforms into an analogue form. If you pick up the phone when a modem is using the line, you'll hear a rather unpleasant screeching noise, which is the analogue signal being sent out by the modem.

This is sent down the telephone line and a modem at the other end takes this hideous noise and turns it back into digital form, which is then sent to another computer. This process works in both directions, so data can be sent and received by your Amiga. Because the information is digital, it could be anything from a PD program to a sound sample of a cow going Moo.

Many different types of modem are available, but the important thing to bear in mind is how fast the modem can transmit and receive data. In

order to ensure that the different types of modem can talk to each other properly, several standards have been set up, which cover how the data is sent between the modems. These are the V standards. As the technology of modems has moved on, newer modems which can send data faster have been designed. To keep up with this, new standards appear every now and then. The latest (and fastest) standard is V.34 (also known as V-Fast).

Usually, the faster the modem the more expensive it is. However, a more expensive modem saves on phone bills, so it's a question of working out what sort of use you are likely to make of your modem before deciding whether to go for economy or speed.

For instance, you could probably pick up a cheap modem for as little as £40, but this would be very slow and would probably take around 25 minutes to download a 300K file, which would cost you approximately £1.25 if you were calling long distance.

A new V-Fast modem would cost you over £300, but it would download the same file in around 2 minutes, costing you about 15p in phone

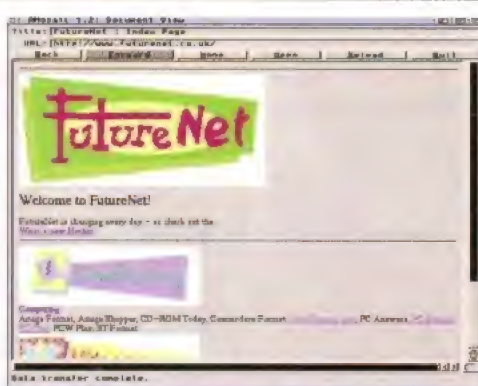


A V.34 modem like the X-Link costs you a few quid extra, but it could save you a lot in phone bills.

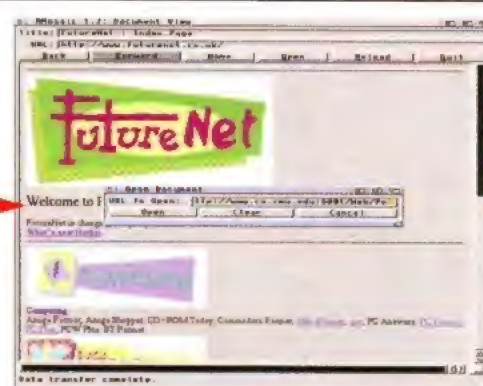
calls. As you can see, an expensive modem can save you a lot in phone bills if you regularly call long distance and download large files.

A TYPICAL INTERNET WORLD WIDE WEB SESSION

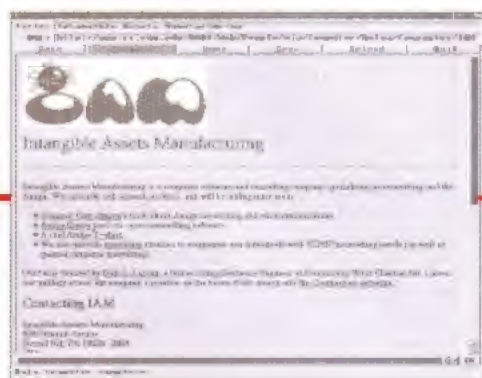
Connecting to the Internet World Wide Web is similar to connecting to a BBS, except that you can use the mouse to choose where you go. If a word or image is highlighted, clicking on it takes you to another World Wide Web page. Let's see what's out there.



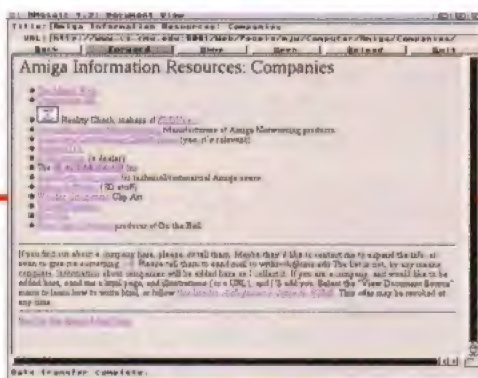
I've set up the software, connected to my Internet server and kicked off the software. My set-up is configured to take me straight to Future Publishing's own WWW site.



But we don't want to look at that now. Let's go to the Amiga Home page, set up by Amiga enthusiast Michael Witbrock.



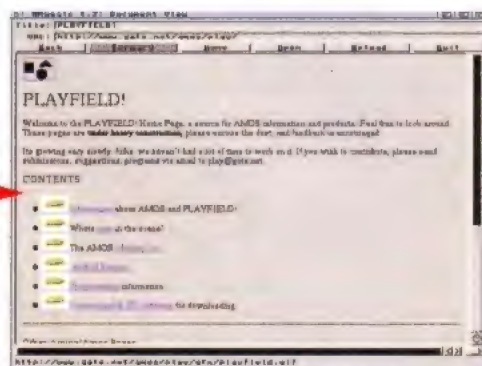
And this is what one of the companies has got to say for themselves.



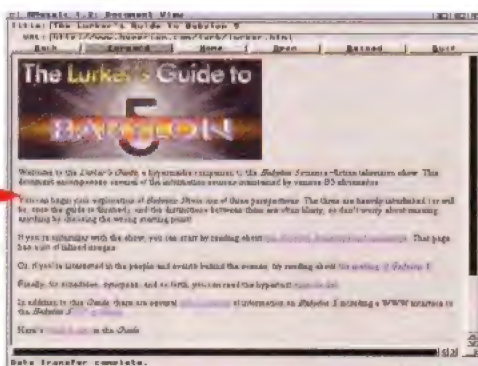
Here we are in the Companies section.



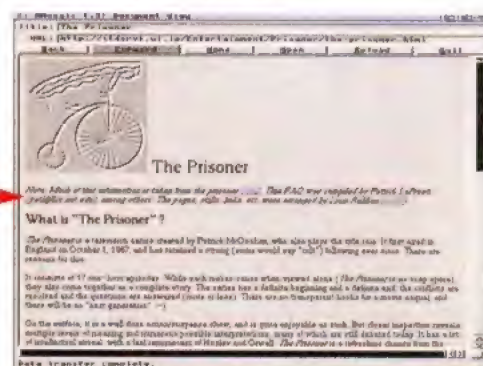
Clicking on any of the blue bits of text would take us to the appropriate page. I wonder what Amiga companies are on the Internet?



There are also links to various other pages, such as the Playfield AMOS pages.



But it's not all computer stuff. I'm a great fan of the TV program Babylon 5, so let's check out its World Wide Web pages.



Aha! A Prisoner WWW page! 'I am not a number, I am a free man!'

THE FIDONET EXPERIENCE



One of the great strengths of Fidonet is that you can use it to easily and cheaply send messages around the world.

Way back in 1984, a man named Tom Jennings had an idea. He was running a successful Bulletin Board in California, but he was frustrated that the messages that his users typed in would go no further than his own BBS. So he got together with a neighbouring BBS and developed a way for both systems to exchange mail. Each night, one BBS would call the other and send all of the messages which had been entered that day.

This meant that a user could type in a message on one BBS, and users of the other would be able to read and reply to it on the other. Within a few months, numerous other BBS joined in, and within a year, several hundred BBS all over America were exchanging messages. Soon, this network of BBS spread around the world and today there are somewhere in the region of 30,000 Bulletin Boards worldwide on the Fidonet network. Incidentally, Jennings' brainchild is allegedly called Fidonet because he named it after his dog.

It works in a very simple way. Once a day, every BBS in the network calls another BBS and sends the messages which users have typed in. At the same time, the BBS receives messages which have been typed on other BBS. Some of the systems act as hubs, or central points where a number of BBS call for their messages. Every night, one of these hubs calls



This is Tom Jennings, the man who started off the phenomenon which is Fidonet.

another and sends a single file containing all of the messages. Through this process a message typed on one BBS can spread around the world within a few days. Because each BBS only has to call one other, there is no central computer, and the phone bills which result are spread around the various different BBS in the network.

The Fidonet network carries a series of echoes, each of which is related to a specific subject. For instance, the echo called Amiga_UK is designed for Amiga owners in the UK. Amiga_Mags is an echo where people discuss Amiga magazines, including, of course, this exceptionally fine example of one. There are several hundred echoes on subjects as diverse as cookery, ancient history and politics. In fact, several new networks have recently sprung up, including a rather interesting one called AmigaNet, which is dedicated entirely to the Amiga. Ask your local Sysop if he or she carries it or if they knows of a local BBS which does.

Fidonet certainly isn't perfect, but it is a relatively simple and extremely friendly network. Most BBS are run by people who are more than happy to help new users, so you can always ask for help if you aren't sure. If you are a newcomer to Comms, a local BBS which is a member of Fidonet is an excellent place to start.

writing *Amiga Format*, 30 Monmouth St, Bath, Avon on the front of an envelope.

When you call a BBS or set up an Internet account, you are given your own address, and anybody can use this to send a message to you. But having an E-mail address is no use if you can't talk to a group of people at once. This is where the second part of Comms comes in: conferences. On every type of E-mail service, there are a series of conferences (called Newsgroups on the Internet or echoes on Fidonet) on an absolutely huge range of subjects.

And these subjects aren't limited to computers - most services carry conferences on everything from astronomy to zoology. If you write a message in one of the conferences, it is then spread to all of the other systems which participate.

So, if you have a programming query, you could put a message in one of the programming conferences, and within a few days people all over the world could potentially be reading your thoughts and opinions. They could then send helpful (or unhelpful) replies by the same route, which would eventually find their way back to you. However, everybody else who reads that conference could also read the message and the reply, so you could be helping any number of people if it's a common problem.

These conferences are more than just problem-solving forums. Many are based around discussions on issues of the day, so you could easily find yourself discussing why it's a bad idea to put VAT on fuel bills with a group of people that you have never met and are never likely to meet.

The third thing which could make you a certified Comms freak is files. Imagine having the entire contents of all the world's PD libraries only a phone call away. Instead of having to call a PD company and wait several days for the disks to arrive,

FLAVOUR OF THE MONTH: THE INTERNET

I would be surprised if there is anybody in the known universe who has not heard of the Internet. Sometimes referred to as the information superhighway, this global network of computers has recently been the subject of a media feeding frenzy. Even *News At Ten* has had a few stories about how this network is going to change the entire nature of human existence.

The origins of the Internet go way back to the late Sixties, the US Department Of Defence decided they wanted to set up their own network, which should be capable of surviving minor problems such as a nuclear attack. The resulting network (DARPA Net) quickly grew, and American universities and colleges were included.

In the mid Seventies, the Defence Department decided to build another network for themselves, so they handed over the old one to the universities and colleges. This quickly incorporated several new networks and became known as the Internet.

This is now the biggest network ever, with something in the region of 16 million people around the world with access to it. There is a vast amount of stuff on it, ranging from information on the history of the abacus to discussion groups on zoology.

Many universities have placed the information on their database on line, so if you need information, you can probably find it somewhere. Many companies are also beginning to realise the potential of the Internet. For instance, Paramount recently set up a site where you can download images and sound samples from the latest *Star Trek* film. There are also a number of places on the Internet which hold several gigabytes of Amiga PD and Shareware, all of which can be easily downloaded.

However, there is a price to pay. Getting connected to the Internet is not simply a question of dialling another computer with your modem. While connecting to a local BBS is free (except for the phone bill) you have to pay access charges to get on to the Internet. The only possible exception to this is students, because many colleges give them some form of Internet access. Several of the commercial E-mail services offer different levels of Internet access which include the ability to send and receive messages from Internet users around the globe.

There are several companies which offer a full Internet connection, but only a few offer support for Amiga users. To get fully connected to the Internet, you also need some software to enable



One of the attractions of the Internet is the IRC (Internet Relay Chat), which offers the chance to chat in real time to Amiga users around the globe.

your Amiga to talk to the other computers which form the Internet. This requires that every computer sends data in a certain form, called the Transport Control Protocol/Internet Protocol (TCP/IP). Software to do this on the Amiga is easily available, thanks to some nice chips at a Finnish university. They have produced *AmiTCP*, which allows any Amiga running Workbench 2 to access the Internet. This software should be available from any good BBS or PD library.

you could have the latest PD and Shareware programs on your Amiga in a few minutes.

All you need to do is to call up your local BBS or Internet site, tell it which file you want and it is transferred on to your machine. Not only this, but many PD authors upload their stuff themselves, so you can always get hold of the latest version of a program. This is especially important if you want to keep up to date in the never-ending war against viruses, because you can always get hold of the latest virus checker.

But it's not just a question of getting hold of PD programs. Many universities and other educational establishments are also on line, so you can raid their archives for books, clip art or any number of other things. There are also a number of tools which enable you to search for files by specific key words, so you don't have to wade through epic lists of filenames. It's like having several gigabytes worth of disk space on your machine.

Have I convinced you yet? Well, it seems that many people have already been convinced, because somewhere in the region of 18 million people now have access to the Internet, and many thousands of people regularly call BBS. Can you afford to be left behind?

If you are a newcomer to Comms, one of the first things you need to do is find a local Bulletin Board System (BBS) to call. There are several hundred BBS around the country, and many of these are run on Amigas or have sections dedicated to Amiga users.

Most Bulletin Boards are run by people in their spare time, although they are far from being amateur affairs. The people who run them (who are referred to as System Operators or Sysops) are invariably very dedicated people who give

up large amounts of their own time to provide a service for others. At the risk of sounding moralistic, this is a fact well worth remembering when you call a BBS.

Most BBS are computers linked to a single phone line. Many have phone lines dedicated to the BBS, but some share the telephone with other occupants of the house, so don't forget to check if the BBS only runs at certain times before you dial, because there are few things more irritating in life than having a modem squealing at you when you've just got out of bed to answer the phone.

Although we don't have the space for a comprehensive list of BBS telephone numbers, here are a few which you may find useful. All of these run 24 hour services. If you can't find one in your local area, most of these also enable you to search through a list of BBS by dialling code, so you should be able to find one which is only a local call away.

Metnet Triangle

01482 473781/01482 442251

One of the most colourful Bulletin Boards in the country, Metnet is also one of the best. And it just so happens that it's also the official *Amiga Format* BBS, so you can send us all your messages, letters and questions on it.

Aspects

0161 792 0260

A very well respected Bulletin Board which caters for all types of machines. Aspects carries a particularly wide and diverse range of echoes on many subjects and is thoroughly recommended.

01 for Amiga

0171 377 1358

One of the oldest-established BBS in the country, this Amiga-only BBS has a vast amount of software on-line and an immense range of echoes.

Fancy entering competitions in *Amiga Format*? We are happy to accept entries by E-mail.

NET_2_2502_129 (32 - 0)		[23]	-U-----
Mick Simcock	2:443/13.33	2 Nov 94 15:39:21	
Amiga Shopper	2:2502/129.1	7 Nov 94 16:35:47	
Grabbed by the hand of god comp.			
GRABBED BY THE HAND OF GOD COMPETITION			
1. True or False - The Pro-Grab 24RT needs a perfect still-frame video to grab from.			
FALSE			
2. True or False - The Pro-Grab 24RT can read teletext pages.			
TRUE			
3. Which town is named after the Editor of this magazine?			
There are 2; Bagley, Shropshire Bagley, Somerset			
Mick Simcock 16 Nottingham Rd Hollywood Belfast BT18 9RG N. IRELAND			
Write...	Reply...	<	>
R<	>R	Areas...	Message List...

COMMERCIAL SERVICES: COSTING THE EARTH?

Many people don't see the point of commercial services such as CiX (Compulink Information eXchange) or Compuserve. After all, their argument goes, if you can get at all of this stuff free through your local BBS, why should you bother with services which cost money?

The answer to this is very simple. Although many BBS are run in a very professional manner, the sysop doesn't make any money out of them, so he (or she) can't afford to spend lots of money on expensive equipment. A commercial service, however, can and does do this. For instance, CiX has somewhere in the region of 50 gigabytes of disk space, and most of the best Amiga Public Domain and Shareware programs find their way there eventually. What Sysop could afford that much disk space?

There are a variety of commercial services of this type. The biggest one in the UK is CiX (Voice: 0181 390 8446, modem: 0181 390 1244), which has several thousand users. There is a £25 setting up fee for a new account, but the charges are a very reasonable £2.40 per hour (off peak). The other big system in the UK is Compuserve (Voice: 0800 289378), which began life in America. Although Compuserve now has a UK base, it is still heavily biased towards the US, with the billing being in

dollars. In off peak times, you should expect to pay around \$7.70 per hour (around £4). As well as all sorts of computer stuff, Compuserve offers such delights as on-line shopping and a very large travel database.

A newcomer to this scene is Rupert Murdoch's Delphi service (Voice: 0171 757 7150). Once again this has a heavy bias towards all things American, but at least your bills aren't determined by the exchange rate. There is a strong Amiga presence on Delphi on-line and it boasts a wide selection of other delights such as the opportunity to chat live with Net guru Dave Winder. There are too many billing options to detail here, so call Delphi for more details.

Although all commercial services cost you money, it needn't be an overly expensive business. For instance, if you use an off-line reader (a program which automatically calls the service, collects together all your messages and allows you to read them without having to stay on the phone), you could easily keep the cost down. Another reason why commercial services are worth investigating is that they are usually the haunt of the real hard core of Amiga users. Post a technical query on a service such as CiX and you are likely to have an answer (or even several



The Amiga has two excellent off-line readers for the CiX service, including *Lucy* by Toby Simpson.

answers) within minutes or hours as opposed to the days that Fidonet can take.

And there's more to it than talking about computers. Most commercial services will have areas on any number of subjects, ranging from anatomy to hill walking via philosophy. CiX, for instance, had a grand total of 2,576 conferences at the time of going to press. And if you can't find one about your pet subject, you can just go ahead and create your own.

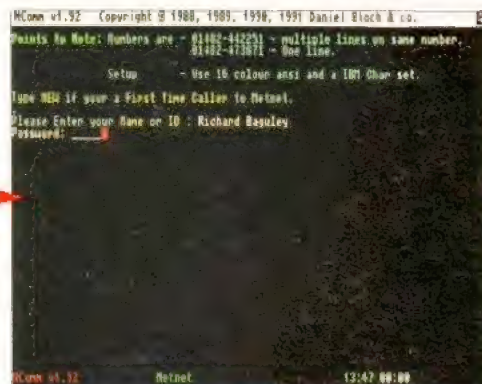
Continued overleaf →

A TYPICAL BBS SESSION

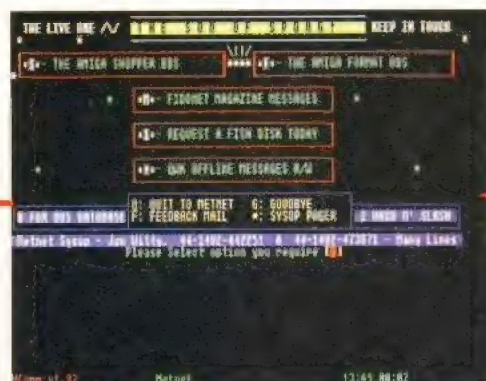
These images show the sort of thing you would find on a typical BBS. You should not take them as being the sort of thing you would find on every BBS, because every one is different. For this feature, we have used the Metnet Bulletin Board in sunny Hull as an example. Coincidentally, this BBS is also the official BBS for Amiga Format. Metnet is on 01482 473871 or 01482 442251.



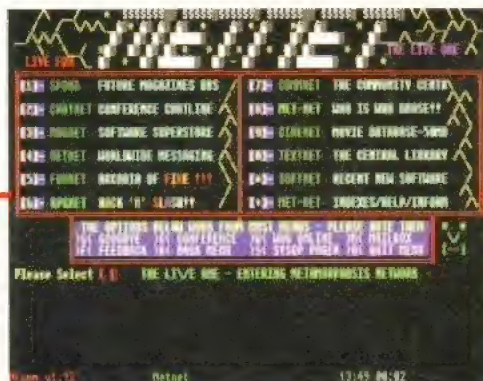
After dialling the number for Metnet, we are greeted with a welcome screen. Pressing the Escape key takes us on to the next screen...



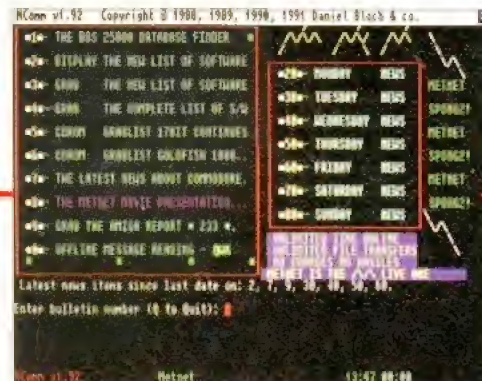
...where we enter our name and password. If you are a new user, you have to enter your details so that the Sysop can verify who you are. The truth will out, so don't lie.



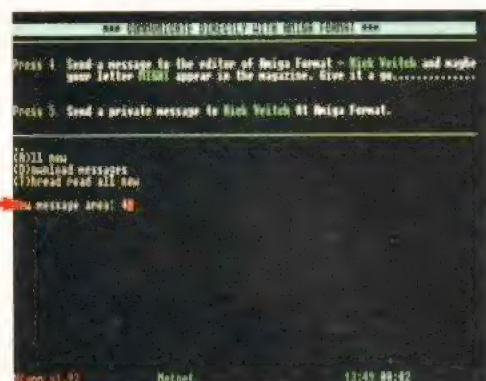
Let's have a look at what's happening on Son Of Spong!, the Amiga Format BBS.



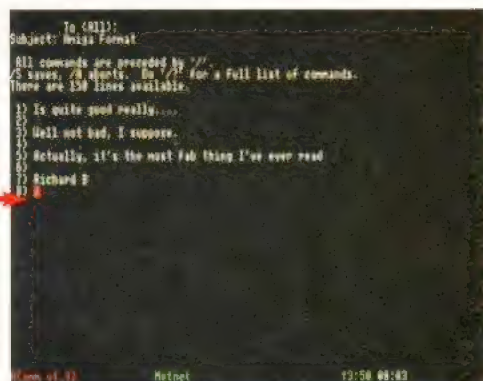
Quitting out of the bulletin menu takes us into the main menu of Metnet.



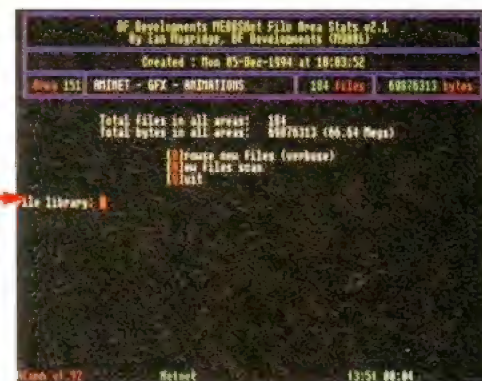
Once we have successfully logged on, we are taken to the bulletin menu.



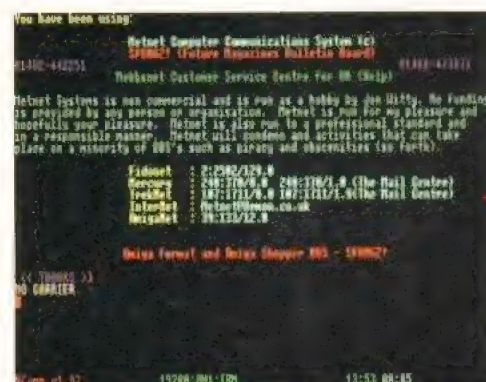
Let's send a message to Nick Veitch telling him what a fabulous magazine Amiga Format is.



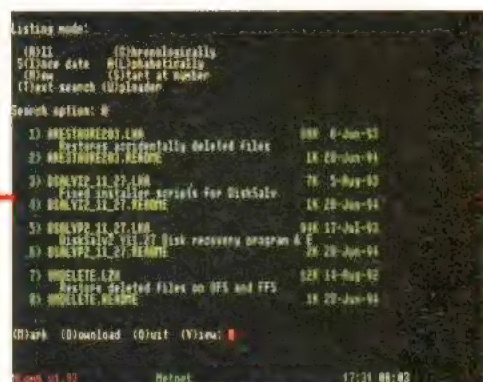
Once we've flattered Nick by saying how good the mag is, we can toss him a fiendishly difficult Workbench question.



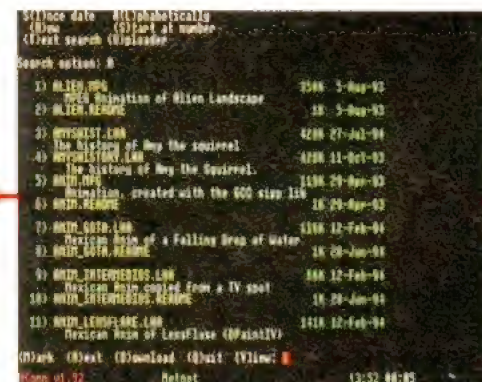
We've sent the message, so let's see what cool animations are available on Metnet.



That's enough for one day. Let's log out. Here's the logout message from Metnet.



As we delve a bit further into Metnet we can find even more interesting things.



Here's a list of the Metnet files, as you can see there's a wide and varied selection.

the internet magazine

.net

Special
saucy
issue!

**Sexy Web
sites**

**Long
distance love**

Net censorship

**Harassment
across the wires**

**And much,
much more**

All this, and your
complete guide to UK
service providers too!

the internet magazine
.net

Issue three
on sale now
£2.95

Essential reading
for net surfers
the world over

You can't miss this month!
It's the inevitable Sex and Romance issue!

Future
PUBLISHING
Your guarantee of
Internet without tears
(or your money back)

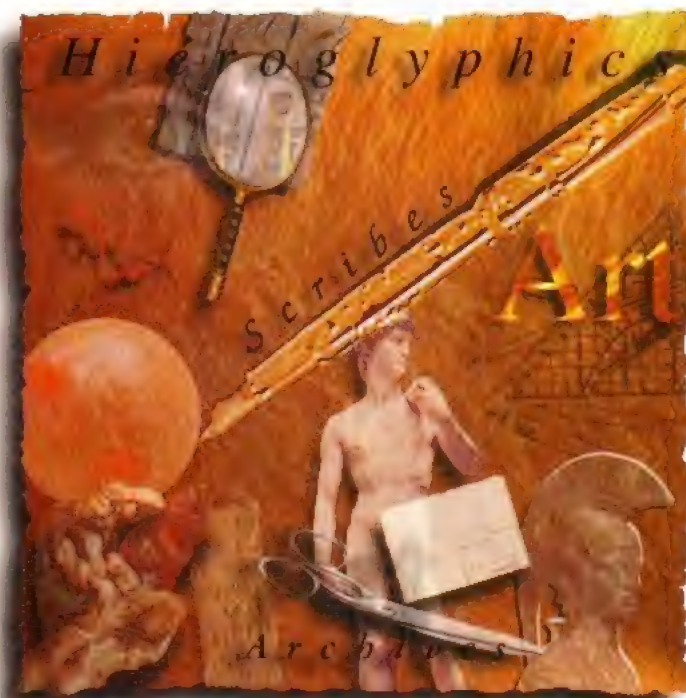
SoftWood Software *will go down in history, the best there's been... for ages.*

The way we all communicate today has evolved through centuries of development and change.

Prehistoric man set the ball rolling when he used cave pictures as a means of describing his hunting conquests. Probably the most famous of all 'picture writing' techniques was that used by the Egyptians.

Known as Hieroglyphics, which means 'sacred carved inscription', this ancient form of information technology quickly spread to all parts of the Mediterranean region. Gradually pictures were rationalised and both numbers and letters were eventually formed.

The Greeks were the first to use these letters in a way that is familiar to us all, and they in turn passed this knowledge on to the Romans. It was then that an alphabet was formed using only capital letters; the basis of most of today's languages. Inscriptions in stone, often filled with lead or bronze, eventually gave way to clay tablets, papyrus and ultimately parchment (treated animal skins). By AD 100 parchment and papyrus books were being created. Another 600 years passed before books began using capitals for headings and small letters, known as 'half unicals', for the main body of text. Although still made by hand, pages were easier to produce and became far more legible in the process. It was the mid 15th century before sets of small interchangeable metal letters were arranged, inked and pressed against paper to form an impression. The start of a printing process that was a less labour intensive way of spreading the written word was here. It was so successful,



that with continual refinements, it remained the industry standard until the 1950's. Since then, the process of off-set litho printing has replaced 'hot metal type'.

The biggest leap in the presentation of languages has probably been achieved in the last ten years. With the adoption of computer generated text as a new standard, complicated layouts can now be designed and printed at the touch of a few keys.

And it doesn't stop there. Archiving and record keeping works hand in hand with these new methods of processing text and allows far faster methods of data retrieval than ever before. This latest technology has revolutionised the world of print, and has opened the door to an explosion of communication possibilities.

At SoftWood our constant aim is to provide **you** with the most powerful and up to date software possible for your specification of Amiga.

Our word processing packages have repeatedly won the favours of magazine reviewers, who have awarded SoftWood products their highest accolades, all over the world. We are continually updating and improving those products and adding new ones, such as Final Data™, to our range in our endeavours to bring the revolution into your home... and onto your Amiga.

Word Processing/Publishing...

Whatever specification Amiga you own, SoftWood have the perfect solution for your requirements.

Final Copy II™ Release 2 is at the peak of achievement when running a twin floppy based Amiga configuration, whilst **Final Writer™ Release 3**

is the only hard drive compulsory Amiga word processor - it leaps a stage ahead and doesn't make any compromises to be floppy disk compatible.

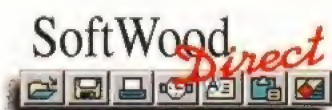
Whichever you choose, you will be assured of the latest in WYSIWYG technology and reap the benefits of still unsurpassed, easy to use, SoftWood Amiga software.



Our new Database...

The latest addition to our family,

Final Data™, is designed in the true SoftWood tradition and brings you a program which is not only extremely powerful, but also very easy to use. Indeed, you can learn to set up your **Final Data™** database, enter your information and print the results in a matter of minutes... not hours. You'll soon be generating all kinds of reports and label print runs to suit your kind of work.



bringing the revolution into your home... and onto your Amiga.

SoftWood Products Europe, New Street, Alfreton, Derbyshire. DE55 7BP. Telephone: 01 773 521606 Facsimile: 01 773 831040

Final Copy II™

Release 2

Designed to get the most out of an Amiga twin floppy drive system, **Final Copy II™** offers more than just word processing (at which it naturally excels) and opens up a world where 'how the document looks' is as important as 'what the document says'. **Final Copy II™** is ideal for that quick letter but also has powerful features that produce end results that you'd normally associated with Desk Top Publishing packages - easy to achieve, without the fuss!

Unique features such as **FastDraw™** on screen drawing tools (to generate boxes, borders, lines and arrows etc.) and **PerfectPrint™** (a system that enables you to print Postscript™ outline fonts to absolutely any printer in



both landscape & portrait modes) ensure that **Final Copy II™** is the leader in its class. You can easily create multiple newspaper style snaking columns,

import any graphics objects or pictures (and place them anywhere on your page), scale or crop those graphics and also auto flow text around them. You can even print text over graphics and the output is always of the highest quality. **Final Copy II™** offers the perfect balance between word processing and more advanced page layout generation - in one great program. Ease and speed of use combined with total control of the final printed presentation is available on your floppy based Amiga system right now for only **£49.95 inc. p&p.**

Final Copy II™ requires an Amiga system with twin floppy disk drives or a hard disk drive and a minimum of 1Mb. free RAM (A600 hard drive - 1.5Mb). Flexible and practical from floppies; no installation or multiple disk swaps required.



Final Writer™

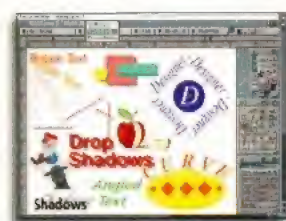
Release 3

This newly upgraded release of **Final Writer™** is building on the success of **Release 2**. Improvements and innovations, along with all the features that made **Final Writer™** a winner, mean that the best is now even better still. Hard drive compulsory, the program is aimed at the power user offering the ultimate in performance. Just like **Final Copy II™** you can take advantage of the excellent output associated with **PerfectPrint™**, but added to that is a host of other advanced features too...

FastDraw Plus™ increases the versatility of the on screen drawing tools with options like rotation.

TextBlocks™ allow you to position text anywhere on the page, at any size and at any angle.

TouchTools™ & PowerUserBars™ make life more simple with 'one touch' control. Just click on a button to define,

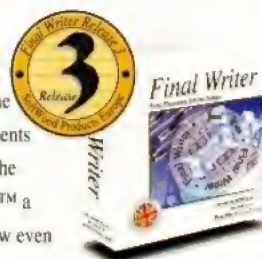


change and save such attributes as font size, text position, bold, italic, underline, justification, bullets, line spacing, indents etc. One magazine stated "this is the

closest thing to Microsoft Word to appear on the Amiga".

Final Writer™ can import, scale, crop, view on screen and output structured PostScript EPS clip-art images to any printer, and we even include 100 quality images for your use. And, if you use a PostScript printer, **Final Writer™** extends your options... thumbnails, scaling, crop marks and halftoning. Add floating palettes, ArRexx/Macros, undo/redo (for both text formatting and graphics), table of contents, auto indexing, table of illustrations, bibliography generation and lots more for real power. **Release 3** takes your Amiga even further with new drag & drop text, spell while you type, dictionary hyphenation, foreign language dictionaries, auto save, polygon graphics and irregular shape generation.

Amiga word publishing power for only **£74.95 inc. p&p.**

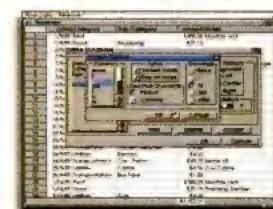


Final Data™

New Release

Final Data™ has been designed to be by far the EASIEST TO USE Database for your Amiga. Many users dislike the involved "two stage" process conventional databases force you to follow. To

set up a **Final Data™** database, you simply define a column for each type of information you want to keep eg. first name, last name, address, town, county, postcode and phone number etc. Incidentally, you can add or remove columns at any time. Your new database will appear as a table with rows and columns allowing you to view lots of data at the same time. Column widths can be adjusted by simply dragging their borders with the mouse. Data is then entered into "cells" and **Final**



Data™ even detects entries of invalid dates etc. and displays an alert message. Screen totals are available as options on all amounts

and calculations (numbers can also be formatted with currency signs and commas). **Final Data™** is ideal for label printing and has built-in routines that remove all the complexities from this task. You can even utilise the "Print Merge" feature found in **Final Copy II™** and **Final Writer™** - simply select the program you are using and **Final Data™** does the rest. It can also read any database created in **Pen Pal™**, **MiAmiga File** and **File Ilsg™** as well as ASCII files found in other many other programs.

Ease of use and the power to keep all your records in order from SoftWood Direct at only **£39.95 inc. p&p.**

Final Data™ requires an Amiga system with a minimum of 512K free RAM operating under Workbench 1.3 or higher.



Help on memory: our products are the most economical in their use of memory. Like others, we quote the minimum memory required to load our software but we also like to make it clear that all graphical software requires more memory - dependent on the functions being used.



Order by Fax: 01 773 831040

ORDER FORM

Mr/Ms/Miss/Ms: _____ Initial(s): _____ Surname: _____

Address: _____

County (Country if overseas): _____ Postcode: _____

Daytime telephone: _____ Evening telephone: _____

Please charge my credit/debit card as detailed below (Please Tick)...

'Final Copy II' UK & Overseas **£49.95** ☐ 'Final Copy II' Non UK EC **£59.95** ☐

'Final Writer' UK & Overseas **£74.95** ☐ 'Final Writer' Non UK EC **£84.95** ☐

'Final Data' UK & Overseas **£39.95** ☐ 'Final Data' Non UK EC **£49.95** ☐

Credit/Debit Card No.:

Card Expiry Date: Issue No.(Switch Cards Only):

Cheque/Bank Draft/Postal Order for £ _____ payable to SoftWood Products Europe... ☐ (Please Tick)

(Card Authorisation Signature:)

AME

PLEASE RETURN TO: SoftWood Products Europe, New Street, Alfreton, Derbyshire DE55 7BP.



Order by Phone: 01 773 521606

ORDER FORM

AMIGA FORMAT

SUBSCRIPTION

Please tick the appropriate box

- ☐ Option One: **Wordworth 3.1SE**
- ☐ Option Two: **Aladdin**
- ☐ Option Three: **Cannon Fodder 2**
- ☐ Option Four: **ARexx & Internet books**

SIX-MONTHLY DIRECT DEBIT OPTION UK ONLY £23.70

Direct Debit payments are deducted every six months in advance. But you can cancel your subscription at any time by simply writing to us.

ONE YEAR SUBSCRIPTION

UK £47.40 ☐ *Europe £78.95 ☐
*Rest of World £110.95 ☐
* AirMail

Start my subscription with this issue (circle one)
March April May June

Name

Address

Postcode

Method of payment:

Access ☐ Visa ☐ Cheque ☐ Direct debit ☐

Total amount payable: £

Credit card no.

.....

Expiry Date

Please make cheques payable to:

Future Publishing Ltd.

Send this form to:

**AMIGA FORMAT SUBSCRIPTIONS,
FREEPOST (BS4900),
Somerton, Somerset TA11 6BR.**

To subscribe by direct debit, fill in the form on the right and send it with your details completed on the order form. The direct debit option is the easy way to pay, but is only available to subscribers who have a UK-based sterling bank account. Direct debit payments are deducted every six months in advance. You can cancel your subscription at any time.

This offer is valid until 28/2/95

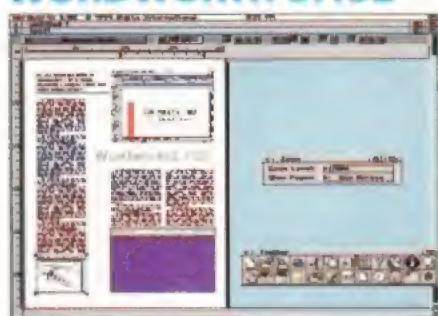
AF MAG 2/95

☐ Tick if you would prefer not to receive notice of special offers or new products.

Here's w if you su

Choose 1 from 4 FREE options. Plus all this ➔

WORDWORTH 3.1SE



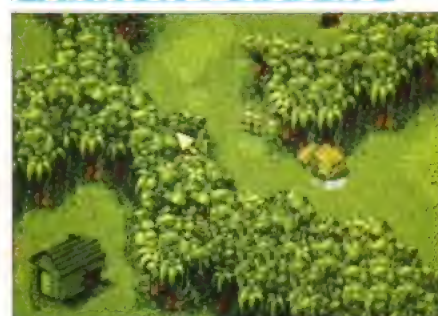
This astonishing word processing package (91% AF67) featuring on-line help and an 116,000 word spell checker and thesaurus can be purchased through our mail order department for £49.99 or you can get it FREE if you subscribe now – isn't that even more astonishing? Sadly, we can't afford to put it in a box, but otherwise the package is identical to the one in Readers' Offers on page 120. (2Mb RAM required) GOLD rated

ALADDIN



A Gold-rated game (90% AF66), Aladdin is a brilliant conversion of the Mega Drive platform romp which could quite conceivably be the prettiest Amiga game ever, or so Steve Bradley claimed in his review. He also said "Aladdin truly is a lovely game", and he knows about these things. Subscribe to Amiga Format and Aladdin is yours, FREE, instead of the more usual £29.99. (AGA only) GOLD rated

CANNON FODDER 2



And the Amiga Format Gold awards just keep on coming. The sequel to quite possibly Sensible Software's finest hour, Cannon Fodder 2 (90% AF66) retains all the playability of the original game while offering several different time zones in which to deploy your universal soldiers. Subscribe to AF today and this exciting new release is yours for NO CHARGE (normally £29.99). GOLD rated

AREXX & INTERNET BOOKS



For a little light bedtime reading, Amiga Format is pleased to offer both Internet, Modems And The Whole Comms Thing (by Davey Winder, RRP £19.95) AND ARexx: Your Amiga's Built-In Turbocharger (by Toby Simpson, RRP £17.95). For details of these blockbusters, turn to the AF Book Offers (page 142) or listen to Rod Lawton, Future Publishing's books editor: "These are simply the two best books in their field. I can't believe I've been talked into this..."

What you get subscribe now!



SUBSCRIBE TO AMIGA FORMAT NOW AND GET...

- ALL the above FREE!
- A choice of four great FREE offers: pick from either Wordworth 3.15E, Aladdin, Cannon Fodder 2 or Internet, Modems And The Whole Comms Thing plus ARexx: Your Amiga's Built-in Turbocharger!
- Your favourite Amiga magazine delivered to your door.
- An extra subscribers-only disk containing lots of great games and utilities every month FREE.
- A subscribers-only newsletter every month FREE.
- All of this for no more than the news stand price!

DIRECT DEBIT INSTRUCTIONS Originator's ID: 930763

This form instructs your bank or building society to make payments direct from your account. Please complete both the form above and this direct debit form, which we will forward to your bank. The amount, as shown above, will be taken from your bank account at the start of your subscription.

(Banks and Building Societies may refuse to accept instructions to pay direct debits from some types of accounts)

1. Please write the full address of your branch

To: The Manager

.....Bank/Building Soc.

.....

.....

.....

.....

.....

2. Account no

3. Sort code

Account in name of:

4. Instructions to bank/building society

- I instruct you to pay direct debits from my account at the request of Future Publishing Ltd.
- The amounts are variable and may be debited on various dates. I understand Future Publishing Ltd may change the amounts and dates only after giving me prior notice.
- I will inform you in writing if I wish to cancel this instruction.
- I understand that if any direct debit is paid which breaks the terms of this instruction, you will make a refund.

5. Signed

Date

AMIGA OS 3.1



£71.60
£83.60

A500/A2000
A1200/A3000/A4000

Picasso II RTG

Hardware of the year 1993 and 1994



Picasso II RTG, the graphics board all others are measured against:

- Graphics board for all Amiga's with Zorro-Bus - Workbench driver to retarget all programs and WB to the Picasso
- Supports up to 256 colors with WB3.1, even on A2000 and A3000
- WB resolutions definable up to 1600 x 1280 pixels
- HiColor (16Bit) and TrueColor (24Bit) graphics: 16M colors!
- Drivers for most graphic programs such as AdPro, ImageFX, ImageMaster, Real3D
- Allows connection of any VGA or Multiscan monitor
- A1084 and A1081 are still usable with a special cable
- Black borders gone forever, takes full advantage of monitor's capabilities
- System-compliant implementation of monitorfile, resolution select table using screen mode-requester
- Monitor-File compliant with System 2.x or higher, resolution selectable using screenmode requester
- View regular Amiga and special Picasso-II RTG screens on same Monitor without changing cables.
- Screen promoter to make older programs work on Picasso
- Draggable screens
- Available with 1MB or 2MB, upgradeable from 1MB to 2MB at anytime

2 MB
£ 299.60

1 MB
£ 259.20

Ariadne

Don't get overwhelmed with the complexity of setting up a network, use our Ariadne Ethernet card that is compatible with all Amigas that have an available Zorro Slot. This card is not only easy to network - it also equipped with 2 additional parallel ports offering multiple network solutions.

- 10Base-2 (Thin Ethernet, coax-cable) and 10Base-T (Twisted pair, western jacket)
- Socket for Boot-ROM
- SANA-II compatible driver for ethernet and parallel port
- Hook up to two additional Amigas to the parallel ports with Liana
- 32KByte cache to support CPU
- Includes Commodore's Envoy networking software
- English manual

£ 199.60

Liana

Are you in need of a fast and easy connection between two Amiga's? Liana, the low-cost network solution, is exactly what you want! Just plug it in, install the software, and it runs! Nothing could be easier than that. Liana is the network solution for those with a small budget and big needs. You can even share your hard drives and printers.

- For every (!) Amiga from WB 2.0 on with a free parallel port
- Includes cable
- Includes Commodore's Envoy networking software
- English manual
- automatic reconnection after (re-)booting without new startup
- Every machine usable as server and client

£ 51.50

MainActor Professional

£ 39.60

- Open your mind and dreams to the world of great animations, what Picasso users have been doing for a long time with the demo and full versions, you can do, too. MainActor Professional offers a high degree of functionality including multi-platform support (i.e. .AVI and .FLI animation file formats)
- Synchronize animations with sound effects
 - Supports several graphic boards with special loader modules
 - Uses 24Bit files
 - Play animations directly from RAM or from hard drive
 - Convert animations and picture formats
 - Playable within a window on WB
 - Complete ARexx-support
 - Supports 14 different animation file formats
 - Supports Video-For-Windows format
 - Special, fast animation format for Picasso II

Pablo

The video module, Pablo, expands your Picasso II with two new video outputs. Using the Pablo, you can view your Picasso output on any TV or VCR.

All with quality that you would only expect to see from broadcast video encoders. That is why the Picasso II video encoder module, Pablo, won in the (German) magazine 'Amiga Magazin' (Issue 5/94) test for video encoders.

- Three cables included: RCA, S-VHS and SCART
- 5 Floppy disks with drivers, animation demos and more

- 24Bit Animation program included
- 15kHz overload protection
- 2 well written manuals
- Plugs onto the Picasso II - no Zorro-Slot required
- Easy installation of video modes

£ 111.60



Wellweg 95 D- 31157 Sarstedt - Germany

Tel: +49/(0)5066/7013-10 technical Hotline
Tel: +49/(0)5066/7013-11 Orders
Tel: +49/(0)5066/7013-40 Mailbox
Tel: +49/(0)5066/7013-49 FAX

SCREEN PLAY

Another twist of Lemmings



THE LION KING: Is this a roaring success? Or is there claws for concern for Disney's mane attraction? We reveal all.

AMIGA FORMAT



retailers want the Amiga back – they know they can sell them, and the demand remains high.

Sensible World Of Soccer went on sale about a week before Christmas and sold over 70,000 copies. They are flying out of the stores. It's a timely boost for the Amiga, and a reminder that this machine remains the best home computer. How many parents can afford to spend over £1,000 on a PC for the kids? Not many.

Soapbox removed, this month we dissect the beat-em-up genre. The best eight examples fight it out, but which one takes the spoils? Turn the page. The long-awaited *The All New World Of Lemmings* takes a bow as does Disney's *The Lion King*. Way back in June '94, we demoed Empire's adventure game, *DreamWeb*. The finished version took its time to arrive. Worth the wait? Page 48 spills the beans.

And let's hope that the quality of games software for the coming year matches that of 1994.

YEAR WE GO

Welcome to 1995. What has the year in store for the Amiga? Well, if Commodore, or whoever picks up the pieces of Commodore, can get some Amigas into stores then the future looks rosy. A recent *Computer Trade Weekly* survey found that 82% of

AMIGA FORMAT'S REVIEW POLICY

Every month we scour the world's software houses for the latest and greatest Amiga games. We try to ensure we keep you as up-to-date as possible, and we'll stop at nothing to bring you the best, definitive, no-nonsense reviews of the games that matter.

WHAT OUR REVIEW SCORES MEAN

90+%

The crème de la crème of games. Only the very best, most playable and original games are awarded an AF Gold – the most highly-prized rating there is.

80-89%

These games are very good, but due to minor flaws are not the finest examples of their genre.

70-79%

Good games which are worth buying, especially if you have a special interest in a certain game type.

60-69%

Average releases with limited gameplay and appeal. Games in this category tend to have significant flaws.

50-59%

Below average games like this are unlikely to impress your mates or your wallet. Try to avoid if you can.

40-49%

Overwhelmingly poor quality games with major flaws and appalling gameplay. They're an embarrassment.

Less than 40%

The absolute pits, the lowest of the low. Don't even consider borrowing 'em.

FIVE PAGE BEAT-EM-UP SPECIAL BATTLE OF THE BEAT-EM-UPS p42

A history of Amiga beat-em-ups from *Karate Master* to *Mortal Kombat II*, featuring *Shadow Fighter* and *Shaq Fu* reviews, plus the ultimate beat-em-up prize!



SHADOW FIGHTER: Kick, crunch and hurt people.



SHAQ FU: Rid the world of Set's minions.

REVIEWS

Battle Of The Beat-Em-Ups.....	p42
Shadow Fighter.....	p44
Shaq Fu.....	p45
Beat-Em-Up Head-To-Head.....	p46
DreamWeb.....	p48
The Lion King.....	p52
Battle For The Ashes.....	p58
Kick Off 3.....	p60
Lemmings 3.....	p62
Charts.....	p66
CD32s.....	p69
Re-releases.....	p72
GameBusters.....	p75

Steve McGill waxes lyrical on the history of the one-on-one beat-em-up before reviewing two of the latest bone crunching games of the genre to be released.



You might argue that beat-em-ups represent a contextualised adolescent rite of passage that focuses on theoretical and experiential exploration, symbolic enactments and relational gendered oppositions realised through a synthetic anima which strikes a chord with the ingressability and internality of the human psyche.

Then again, you might argue that the above is a load of pretentious tosh, written as a cheap joke, about a game genre which, despite being overdone for the last few years, still represents one of the most enjoyable and rewarding game types that can be engaged in with a computer, a friend, and a joystick.

But it wasn't always so. The beat-em-up first saw the light of day in 1984 with a peculiar affair called *Kung Fu Master*. It was from Data East and it was a left-to-right scrolling game, where your character could kick and punch, or duck and kick and punch a load of

people who rushed toward him. He knocked them away, and if the player made any headway, they'd find that there were several villains to sort out and a level structure. In all, a promising beginning. But that was still a one-player game and not the face-to-face, one-on-one beat-em-up that we're used to now.

The first one-on-one to appear in the arcades was *Karate Master*. It took place on a log spanning a ravine, and although it was popular, it never really hinted at the explosion that was about to take place in the blossoming home computer field. (If you want to check out what *Karate Master* was all about, contact F1 Licenceware, they have a decent PD version in stock.)

There's some controversy about what ignited the beat-em up explosion. AF reckons the first beat-em-up that could be played at home was *Kung Fu*. Released for the ZX Spectrum in 1984 by Bug-Byte, it featured unusual vector graphics and took quite a bit of playing

around with to get used to. Incidentally, it cost £6.95. It was a pre-indicator of what was to come and a commendable effort that deserves to be remembered as the first home computer beat-em-up.

SMASH AND GRAB

The first game to smash the games playing public in the face and alert them to the new order in game genres was *Way Of The Exploding Fist*. Designed by top software house of the time (1985), Melbourne House. It featured two identical fighters (one dressed in black, the other in white), several different backgrounds and 16 fighting moves; each one corresponding to the individual positions of the joystick with the fire button pressed or released.

Some people, myself included, let it take over their lives for weeks until, eventually, they started dreaming about the best combinations of kicks and punches to pull off against human opposition. Very sad indeed. There was

Battle of the beat-em-ups



a one-player mode, but it was too easy. The computer presented little opposition – a problem that still hinders many latter-day presentations.

But the floodgates were opened. System 3 released *International Karate* in early 1986. Though not as successful as *Exploding Fist* (it looked and played too much like a clone) it sold enough units to encourage System 3 to try again.

1987 brought *International Karate +*. Considered by many to be the best release on any platform ever, *IK+* added the novelty factor of an extra computer-controlled fighter on screen at all times. This meant that, even if you chose to play a two-player game against an inferior friend, the result couldn't be guaranteed every time. The computer player was the wild card.

1987 also witnessed the worst year for takings in the arcades since the *Space Invaders* revolution. A combination of waxing interest in home computer games – 16-bit platforms such

as the Atari ST and Amiga 500 were beginning to catch fire in the imagination and sales stakes – and Government legislation restricting the age of persons entering arcades left the coin-op industry in tatters. No one was interested in what the arcades had to offer. And then *Street Fighter II* from Capcom appeared.

Featuring a standard arcade stick with six fire buttons, there were 12 characters and 12 backdrops to boost the atmosphere. The inclusion of a plot of sorts was a first for a one-on-one beat-em-up. You had to choose a character and through him/her become the Warrior Of The World by defeating all of the other characters; four of those being bosses who demanded real skill and cunning to beat.

This couldn't be done by hand/eye co-ordination alone. The player had to discover hidden secret moves, invent and implement move combinations and generally try whatever came to hand to

take an opponent by surprise. All in all, the biggest, most influential coin-op beat-em up to hit the arcades.

Since *Street Fighter II* exploded into the public's consciousness, no other beat-em-up has had quite the same impact. Commendable mentions are *Mortal Kombat II* and *Virtua Fighter*.

Virtua Fighter probably represents the future of the beat-em up. 3D polygonal characters, multi-rotational zoom views, beautiful backdrops with millions of colours, and a square playing area that fighters could be pushed out of for a 'ring out' (they lose the bout no matter what their state of health).

The special moves have to be seen to be believed, stomping on prone opponents after indulging in six-foot jumps, bicycle kicks, rapid punches. Couple this to a projection screen almost six feet wide with stereo speakers that don't miss a bone stomping crunch or a flesh rending tear and you're talking extreme violence city.



Continued overleaf ➔

Steve McGill challenges beat-em-up *Shadow Fighter* to a bout against *Shaq Fu*. But which of these new contenders will match the mighty *Mortal Kombat II*?

Shadow Fighter



Ballroom dancing hasn't been the same since they allowed the full contact ruling.



The basketball player looks suspiciously like Shaq from *Shaq Fu*.



With any luck, Gremlin will form a Pupazz fan club. Here we see some top torch action.

As surprises go, beat-em-ups don't come much more surprising than *Shadow Fighter*. Programmed and designed by an unknown, unheard of group of Italian ex-conscripts, this beat-em-up rates as one of the best available on any 16-bit platform. It incorporates all of the features that make a computer combat simulation enjoyable...

Sixteen characters that are player-selectable. A control system that's easy to get to grips with. Special moves that make sense and can be pulled off 90 per cent of the time that the combatant demands them. Backdrops that feel as if they're part of the game rather than just a bit of lushness tacked on for the sake of appearances (a la *Elfmnia*). And finally, move combos that not only look good but also become intuitive and are repeatable by a skillful player.

Add to all of the above a mangaesque, cartoony look to the characters and you're looking at a presentation that's not only going to delight you visually but will appeal to your atavistic primeval urges and keep you playing until you've mastered the special moves and intricacies of every character.

The special moves make more sense, because the actual combinations of joystick action required relate to the movement on screen and so feel natural. Unlike the more mechanical responses needed for *Mortal Kombat II*.

To add icing to the cake, there's a training mode which, while helping the player to learn special moves and combinations, feels more like taking part in an horrific, hallucinatory cartoon. Hurrah for Pupazz the demonic vengeful spirit of all shop dummies!

While the training mode is hilarious, the two-player option is the most fun. It doesn't offer anything unusual in terms of structure, such as the extra fighter in *IK+* or the tag teaming of *Body Blows*. But it's passable. The players choose a character each and fight a duel. Best out of three bouts wins, and that's it. Meanwhile, the one-player tournament is pleasing while at the same time being a bit less predictable than normal.

To earn a bout from the *Shadow Fighter* himself, medium or hard must be selected and a certain number of bouts fought; 10 and 16 respectively. It's a good idea, because it discourages the temptation to play through and win all the bouts at easy level and then never play the game again.

So, to sum up, *Shadow Fighter* is one of the favourite contenders to take the Amiga Format beat-em up crown.

GRAPHICS:	9 out of 10
Cartoony, larger than life and lush. Hurrah.	
SOUND:	8 out of 10
Full contact biffs add lots of atmosphere.	
ADDICTION:	8 out of 10
Very addictive when playing against a friend.	
PLAYABILITY:	8 out of 10
Easy-to-pull-off special moves are a boon.	

Shadow Fighter

Publisher:	Gremlin Graphics 0114 275 3423
Price:	£29.99
Versions:	A500/600/1200
System requirements:	1Mb
Release date:	Out now

VERDICT:
Good enough and different enough from *MKII* to make it worth buying.

OVERALL SCORE

89%



Shaq Fu has been translated from the SNES and has lost definition and colour along the way, but can it give the rest a run for their money?

Shaq Fu



Who needs mighty morphin' Power Rangers when you've got *Shaq Fu* to play with.



Certain Equity card carrying ghosts have been reduced to bit parts in this game.



Aladdin takes time out from the animated platform game to indulge himself in his favourite pastime - beating the unliving daylight out of Sett's ace henchman.

Shaq Fu is one of those beat-em-ups that could have been good. Very good. Unfortunately, because it's been converted from the SNES it suffers from some rather nasty side effects, verging on a hangover.

For a start, it comes on six disks and demands an inordinate amount of swapping every time a new character or bout is opted for. This would be just about acceptable if the game was as good as *Mortal Kombat II* or *Shadow Fighter* (four disks). But it isn't.

The characters are horribly small. Much smaller than on the SNES, to their detriment. You never feel completely in control even though the controls are easy to get to grips with. The software even makes allowance for owners of two-button joysticks, which is a good thing.



Sett proves to his adversary that truly he is the mightiest of the malignantly malicious demons.



The whiplash of the morning star sounds fantastic. Check it out.

The special moves are inventive and novel but you never feel as if the damage being handed out is really making the opposition suffer. And if there's one thing that's important in a beat-em-up, it's the feeling that you're handing out max hurtage. It's a shame because the sound does a good job of backing up and complementing the on-screen action.

Whooshes, aarrghs, and skull-fracturing

inertia-laden contact sound just about perfect. But it's to no avail.

Still on the plus side, there's a cookie plot that just about manages to carry the game. It's sort of like *Yie Ar Kung Fu* with a pointlessly silly map thrown in to cover up the fact that it's just a simple selection screen.

You take on the role of Shaq and you've got to fight your way through all of the fighters until you meet the demonically evil Sett. Kill him and you've completed the game.

Shaq Fu won't set the beat-em-up world on fire, but it's competent and proficient enough and if that's what you're looking for, you've got it.



Continued overleaf ➔

Shaq Fu

Publisher:	Ocean 0161 832 6633
Price:	£25.99
Versions:	A500/600/1200
System requirements:	1Mb
Release date:	Out now

VERDICT:
The translation from the SNES hasn't done the Amiga any favours.

OVERALL SCORE

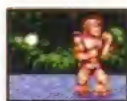
68%

GRAPHICS:	6 out of 10
Small. Loses clarity in conversion from SNES.	
SOUND:	8 out of 10
Sonic sound sensation. Even better than <i>MKII</i> .	
ADDICTION:	6 out of 10
It's addictive if you're a beat-em-up freak.	
PLAYABILITY:	6 out of 10
Let down by the vertically challenged graphics.	

It's a knockout!

Ladies and gentlemen, please welcome the contenders for the beat-em-up crown of the Amiga world...

Quarter Final



ELFMANIA V RISE OF THE ROBOTS.

Aesthetically, it's hard to choose between these two. Gameplay-wise, *Elfmania* draws first blood with a believable, novel structure.

Despite a pathetic attempt by *Rise Of The Robots* to fight back, *Elfmania* keeps its finger on the fire button while looking elsewhere and reduces the robots to an entanglement of anodised anodyne aluminium.

WINNER: *Elfmania*.



SHADOW FIGHTER V SHAQ FU

Shaq Fu is a tried and tested conversion from the SNES. But the fighters are smaller and the backgrounds less detailed. *Shadow Fighter*, however, has large, cartoony fighters and the colourful backgrounds look as if they're part of the action.

It could have been closer but *Shadow Fighter* is every bit as speedy as *Shaq Fu*. First and second round knockout.

WINNER: *Shadow Fighter*.



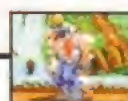
MORTAL KOMBAT II V DANGEROUS STREETS

It's sorrowful, but the challenge is over in a couple of seconds.

Despite the *Dangerous Streets* fighter trying to defend herself with a move that makes her look like a lead grey slab of fridge (or something) *Mortal Kombat II*'s Mileena brushes her off with deft and deadly use of her Sai swords.

Too pathetic to watch.

WINNER: *Mortal Kombat II*.



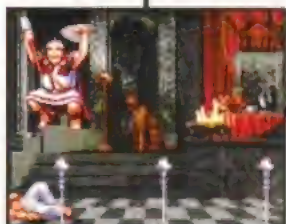
ULTIMATE BODY BLOWS V STREET FIGHTER II

The meatiest, closest, most vicious of the first rounds.

Street Fighter wins the first bout with its instantly recognisable characters, but *UBB* has a superior control system that doesn't rely solely on context-sensitive special moves. And *UBB* has 21 compared to *SFII*'s 12, which sees *UBB* float through to the semi-final. Hurrah!

WINNER: *Ultimate Body Blows*.

Semi-Final



ELFMANIA V SHADOW FIGHTER

Graphically there's not much in it. But there are more backgrounds in *Shadow Fighter*, and they feel as if they're part of the action. And *Shadow Fighter* is meatier. Kicks, punches and special moves, when they connect, make the right sort of max hurtage whump. But the killer blow is the control system. Despite a one-button joystick being all that's required, special and standard moves are in abundance.

WINNER: *Shadow Fighter*.



ULTIMATE BODY BLOWS V MORTAL KOMBAT 2

UBB outnumbers *MKII* in choice of characters and threatens to push the chart-topping *MKII* off its pedestal. But *MKII* hits back with sheer malice. It's got blood. More blood than you could drink in a lifetime of Satanic worship. It's got inertia, the characters may be shorter in number but they look real.

Battered and weary, *MKII* takes the bout, but boy was it close.

WINNER: *Mortal Kombat II*.

FINAL



SHADOW FIGHTER V MORTAL KOMBAT II

MKII doesn't have as wide a selection of characters as *Shadow Fighter*. And *MKII* is grungier, dirtier, more real. Despite the fact that *Shadow Fighter* only offers a one-button joystick, in a way, this is a blessing. Most beat-em-up fans only own a one-button joystick, so why should they lose out? *MKII* isn't too enjoyable using only a one-buttoner; some of the special moves are too difficult to pull off.

MKII takes the advantage. It's the most politically incorrect. While failing to land a knockout blow on the proficient gameplay of *Shadow Fighter*, *MKII* was higher up the charts this Christmas, which makes *MKII* the undisputed winner.

WINNER: *Mortal Kombat II*.



SKELETON KREW

Wanna pack a BIG GUN with enough ammo to level a city? You got it...!
Wanna massacre seriously psychotic Psykogenix mutants and get paid? You got it...!

Wanna blast your way through the savage secret zones, deadly Krewtraps, mad'n'bad buildings and hideous end-of-level Psykos comprising 6 HUMUNGOUS levels of 3D isometrik carnage - and wear a spectacularly sexy, hyper-hi-tech, Big Ordinance Neutralising Exo Skeleton to boot?



CORE
DESIGN LIMITED

Well you got it all - but only if you join Spine, Joint and Rib, otherwise known as the SKELETON KREW, in their first outRAGEous blastfest!!

Up to two players.

Available on:
Mega Drive,
Amiga 1200
& CD 32



IN
SUPERGOREScope

Skeleton Krew © Core Design Limited.
All Rights Reserved.

55 Ashbourne Road Derby DE22 3FS Telephone (01332) 297797 Facsimile (01332) 381511

Skeleton Krew is a trademark of Core Design Limited

SEGA

MEGA DRIVE

A 30-compartment inventory allows for all manner of useful knick knacks.



A horse walks into a bar: the barman says "Why the long face?". It's a cracker.

hotel to pool hall, collecting snippets of information, more door codes and weapons for the kill. Travel access areas are located at the edge of groups of map screens which then despatch you, *Star Trek*-style to the location of your choice. But certain locations are only revealed if you have accessed one of the various computerised network screens which are operated with cartridges – you can trip about for ages not knowing somewhere exists. Which it can't, if you don't know about it.

DreamWeb is a fiddly game. The puzzles are not wildly difficult to solve, but some of the objects are so tiny as to be virtually invisible. A zoom option allows you to search the rooms in detail, but you have to be eagle-eyed.

The scene: I'm at the hotel and I've safely negotiated the room-booking situation. I take my eye off the screen for a millisecond and miss a vital animation sequence, (which I might have missed even if I had I been glued to the monitor). The hotel receptionist had punched in my details and a keycard, the size of a baby ant had slipped out of the machine on to the desk. I need this card to use the lift, but I failed to see it. Much brain-wracking later (OK, so I asked the friendly chap in sister mag, *Amiga Power*), the pixel was located and off we go again.

Footwear fetish

Yet, other puzzles are very easy to solve. You have a pair of plimsolls, but are zapped by a pink, laser whip-wielding lunatic who steals them and jumps into a waiting getaway car. Seconds later, you are inside your chum's flat and he happens to have a pair your size lying on the floor which you promptly slip on and, hey-ho, you're on your way.

'This game contains scenes of violence not suitable for small children'. Readers, this adventure is adult-orientated, which means there is a rather blurry 'sex scene' and some heinous axe-wielding. It isn't as exciting as it sounds. *DreamWeb*, for all its bluster about nightmares, madmen and plimsoll theft, is very much a traditional point 'n' click adventure game. It does have atmosphere, but droning music and ill-lit back streets can only be atmospheric for so long.



Keep your eyes peeled for the pixel masquerading as a keycard.



Yet despite these reservations, *DreamWeb* isn't at all bad. It ain't as sophisticated as it pretends; depth-wise it's way off *Monkey Island 2*, but then, aren't they all. The real excitement is in the confrontation of your foe, only the problem here is that if you don't reach into your inventory, pull out the weapon and do the deed in the winking of an eye, it's game over. Teeth-gnashing. AF



Of all the glamorous locations. No clues here, but the words 'screw' and 'driver' spring to mind.

Outside your friend Louis' house you suffer the indignation of plimsoll theft.

DreamWeb

Publisher:	Empire 0181-343 7337
Price:	£29.99
Versions:	A500/600, AGA
System requirements:	1Mb, AGA
Release date:	Out now

VERDICT:
A competent, and occasionally enjoyable, adventure game.

OVERALL SCORE

68%

GRAPHICS: Pleasantly drawn. Perfectly acceptable. Nice.	7 out of 10
SOUND: 'Atmospheric' track. Appropriate spot effects.	6 out of 10
ADDITION: Once completed, you won't play again.	5 out of 10
PLAYABILITY: Lacks depth for the hardened adventurer.	6 out of 10

ANIMATIONS

[illegible]

POWER ANIMATIONS

ГР.

Exams for 1

```

is = Y
is = Y
with (is) = Y
  1. (is) = Y
  2. (is) = Y

```

Songs' $\rightarrow Y$
 Y
 with focus $\rightarrow Y$
 measures $\sqrt{2} \rightarrow Y$
 de Souza $\rightarrow Y$

```

theorem' < Y
  (limits' (4) >= Y
    lowered limits < Y
    and' < N < 4
    and' (4) < Y
  )

```

Example:

```
upper = letters[0:n] + N
lower = letters[n:N] + n
total = upper + lower
```

$\text{out}_1 = \text{in}_1 \cdot Y_1 = Y$
 $\text{in}_2 = Y$
 $\text{out}_2 = Y$
 $\text{in}_3 = Y$
 $\text{out}_3 = Y$

the only one
will let you know
ard for each
s. platform
much much
ssins game
s an ideal Xmas
niga CD roms
ne games

032 just to play
25 just 50p p&g

1.3 dos

...so it is
tion, so

With
niga 1200
okay on the
sted.

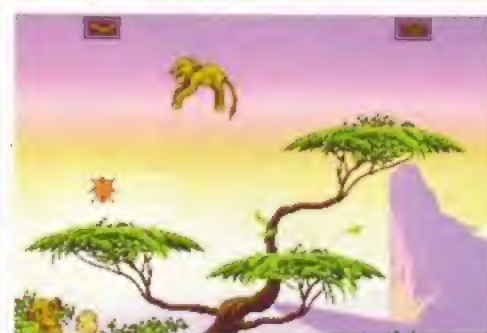
100

With a bellowing roar and a few verses of *Hakuna Matata*, Steve Jarratt pounces on Virgin's *Aladdin*-alike and wonders how something so cute can be such a pain in the...

The Lion King



One of the game's saving graces are the restart points (the curious little radioactive lion cub logo). Unfortunately, Virgin used them all up in the first level, and they're mercilessly sparse later on.



With a sufficiently hefty punt, even a weighty lion cub like Simba can be kicked quite a long way up into the air.

THE LION KING: LOST STAGES



Like *Aladdin* and the forthcoming *Jungle Book*, Virgin's *The Lion King* is a conversion of the Mega Drive game. But, sadly, *The Lion King* has not survived the journey intact. Mega Drive players were treated to nine levels, whereas we get a paltry seven (plus two bonus).

Somewhere along the way levels Can't Wait To Be King and *Hakuna Matata* have been lost. Which is a shame because they both sound really jolly: Can't Wait features Simba bouncing off rhinos' heads into the trees and riding an ostrich (pictured above), while in *Hakuna* Simba traverses a waterfall on logs while dodging some itinerant gorilla's coconuts.

So why the omission? Well, it would appear that Virgin simply ran out of time prior to getting the game out ready for the yuletide shopping season. Doh!

The Disney animation studios have at last stepped, Mad Max-like, from the howling desert of their wilderness years. First with *The Little Mermaid*, then *Aladdin* and now with the rip-roaring *Lion King*.

And, sure enough, where 'ere Disney go, Virgin are sure to follow. Like the Amiga version of *Aladdin*, *The Lion King* is a platform game. Like

Aladdin, *The Lion King* features stupendous Disney animation. Like *Aladdin*, *The Lion King* boasts sprawling, colourful levels. Unlike *Aladdin*, *The Lion King* isn't terribly good fun...

Aladdin was a spritely young fellow who could perform leaps and swings with acrobatic aplomb. Little Simba, on the other hand, is a chubby, floppy-pawed lion cub with

all the airborne grace of a sodden sponge. The collision detection is also terribly vague, whether you're trying to pounce on a lizard or seek out a platform edge. These factors conspire to make *The Lion King* a really frustrating little game. Instead of romping through the levels, reacting instinctively to hazards as they appear, you have to tip-toe along as if every step might be your last, wary of impending doom.

Hyenas, vultures and panthers always seem to attack when you're in an enclosed space, making defensive manoeuvres (like 'jumping out of the way') more difficult than they ought to be. *Aladdin* did at least have a

SIMBA - THE FLYIN' KING

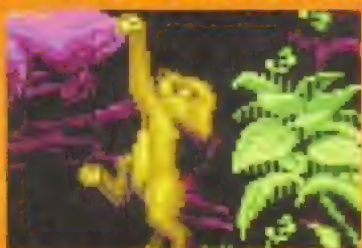
Simba the elder takes a flying leap on to an unsuspecting hyena (right). In the ensuing scrap, however, the two earn their enemy's grudging respect and end up doing *The Twist* together (inset).



SIMBA'S STUNTS - THE ANIMATED ANTICS OF A LION CUB



Simba watches the butterflies flutter by with that look of wonderment only the young and innocent can muster. And idiots.



If Simba only just manages to make a jump, he clings precariously to the edge for a second and then scrambles his way up.



Like all big, grown-up lions, Simba is well versed in the stealthily launched-down-ready-to-pounce manoeuvre.



In a temporary gravity-defying move, Simba launches himself skywards. This is known as 'jumping'.



In a numbing recreation of the hands battle for survival, Simba jumps over a bomb causing it to... er... explode.



Swelling his chest, the mighty Simba leaps up with an ear-splitting call which rumbles across the valley... 'Maow' he goes.



Like all young cubs (except those with woggles and first-aid badges) Simba can roll up and tumble along the ground.



By rapidly positioning alternate paws in front of one another, Simba breaks into what is technically described as a 'run'.



The victim of a juvenile 'running across the path of stampeding wildebeest' dare, Simba finds himself about to get a 'reel hoofing' as you might say.

flashing scimitar with which to despatch his foe; poor Simba has little more than the ability to land on things, plus a weedy roar which does little but scare porcupines upside-down, enabling him to squash them. A reasonable mode of attack, admittedly, since a 75lb lion cub is more than a match for the soft underbelly of any quilled creature. But if you're a pixel too far either side when making your jump, instead of flattening said up-turned porcupine you end up getting pricked and losing a swatch of energy.

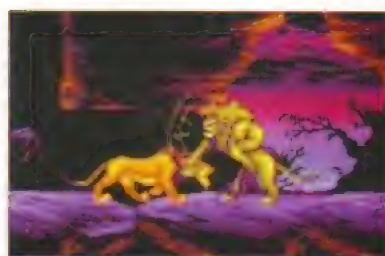
Rocks and hard places

Later stages (which I've had the good fortune of sampling) are equally tricky and even more frustrating.

Level four - Simba's Exile - sees the young cub traversing a rocky landscape littered with tricky platform jumps. Like in *Aladdin*, Simba very often only just spans the gap, and is left clinging to the edge, scrambling for a few seconds before clawing his

way to safety. On this level, though, Simba also has to contend with rocks which plummet down the screen.

But not at random, oh no. They fall wherever Simba happens to be - and if he's in mid-platform-edge-scramble, then he inevitably receives



Climactic encounter. Simba fights uncle Scar. Simba wins. Game ends. There, that's ruined it. Now you can go and buy *Aladdin* instead.

a rock blow to his furry cranium. And it's not your fault: you just can't interrupt the animation sequence.

I'm not saying the game should be made easier - otherwise you'd finish it in one sitting - but it could have been a damn sight friendlier. Considering the age of those who might want to join Simba on his travels, the play mechanics don't seem to be particularly well judged.

Buy it, if you must, but don't expect too much in the way of Hakuna Matata.

■ Simba is a floppy-pawed lion cub with all the airborne grace of a sodden sponge.

The Lion King

Publisher: Virgin Interactive Entertainment 0171 960 2255

Price: £29.99

Versions: A1200

System requirements: 2Mb

Release date: Out now

VERDICT:

All the sumptuous style of *Aladdin*; none of the great gameplay, sadly.

OVERALL SCORE

69%

GRAPHICS:	8 out of 10
Lush animation. Surprisingly jerky scrolling.	
SOUND:	6 out of 10
I liked the music; others didn't. OK effects.	
ADDITION:	6 out of 10
You'll stick at it... until frustration takes over.	
PLAYABILITY:	5 out of 10
Fiddly to control and just not much fun.	

"Why not FAX our Sales Team for a Quick-Quote!"



"Call us, we're always keen to offer GREAT DEALS on everything for your Amiga!"

LOW PRICES, EXCLUSIVE PRODUCTS... EXPERT ADVICE and MUCH MORE FROM THE UK's FAVOURITE

AMIGA DEALER

0.5Gb FOR YOUR AMIGA NOW!!

130Mb Self Fit Hard Drive

GH Prices start from as little as...

£179.95

If you prefer we can fit your new drive for you!

A1200 INTERNAL HARD DRIVES

Amiga 1200 4000 Hard Drive Manual

INTERNAL FITTING FOR YOUR AMIGA A1200

FREE... ESSENTIAL GH HARD DRIVE MANUAL

GH AMIGA A1200 INTERNAL HARD DRIVES... are all standard 2.5" IDE devices (self fit or fitted) as designed in by CBM. We do NOT use alternative 3.5" units which can overload the PSU! Included too, is our ESSENTIAL HD Manual FREE!

CAPACITY	Self Fit	Fitted
130Mb Internal	£179.95	£204.95
170Mb Internal	£199.95	£224.95
200Mb Internal	£229.95	£254.95
250Mb Internal	£269.95	£294.95
340Mb Internal	£334.95	£359.95
520Mb Internal	£429.95	£454.95

JUST LOOK AT THE BENEFITS OF OUR FITTING SERVICE. ONLY GH CAN OFFER YOU ALL THIS AT SUCH LOW PRICES!

LOOK HERE! WE'VE GOT 130Mb DRIVES AT UNDER... **£180!**

THE UNIQUE GH FITTING SERVICE... Why not let our engineers collect your Amiga and fit your drive for only £25 extra!

The price includes...

- Collection of your Amiga
- Fitting by experienced GH technicians
- Formatting with W/Bench
- HD configuration and installation of back up and repair software
- FULL 1 Year GH Gold Collection Warranty
- Courier return to you

OVERDRIVE 35 EXTERNAL HARD-DISK DRIVES

SIMPLY... PLUGS INTO THE PCMCIA PORT OF AN A1200

210Mb External Hard Drive

Super Prices start from Only... **£239.95**

Designed to match your Amiga - Looks and works Great!

CAPACITY	GH Price
210Mb External	£239.95
340Mb External	£269.95
420Mb External	£279.95
520Mb External	£339.95

Full 12 months warranty on HD. Doesn't invalidate CBM warranty!

OVERDRIVE 35 EXTERNAL HARD DRIVE - 'Plug and Go!'

Simply plug this great HD into the PCMCIA slot of your A1200! No taking your Amiga apart. Retains full CBM warranty. Casing matches the Amiga's, pre-formatted, tested and to use. Just 'Plug and Go'. All models up to 540Mb, are Super Low Prices!

AltaPower External HD's...

External IDE Case that Plugs into the either A500 or 500+. You can add either TWO 2.5" or ONE 3.5" IDE Hard Drive! Allows up to 680Mb configuration!!! Auto-Boot, Auto-Config, c/w manual & software. Ideal with Supra Turbo!

External Case with 130Mb!

LOW Prices start at Just... **£264.95**

Call GH for other sizes/prices

SIMPLY... PLUGS INTO AN A500/+

BOOKS

AMIGA BOOKSHOP

Just a Small Sample of the GH stock...

Please phone and ask about more books in the GH range!

Amiga Workbench 3 A-Z	£14.50	Mastering Amiga AMOS	£18.50
Amiga 1200 Insider Guide	£14.50	Mastering Amiga AREXX	£19.50
Amiga Assembler Insider Guide	£14.50	Mastering Amiga Printers	£18.50
Mastering Amiga DOS...		Amiga Disks and Drives	£14.50
Version 2, Volume 1	£18.95	A1200 - Next Steps	£14.50
Version 2, Volume 2	£18.50	A1200 Beginners Pack	£37.95
Version 3 Reference	£19.50	(2 books, video & tutorial disks)	
Version 3 Tutorial	£19.50	NEW! Amiga Desktop Publishing	£14.95

AMIQUEST EXTERNAL HARD DRIVES

SIMPLY... PLUGS INTO THE PCMCIA PORT OF A600's & A1200's

COMPACT AND PORTABLE DESIGN!

OVERDRIVE

130Mb External 'Portable' HD

GH Prices start from just... **£249.95**

Units with REAL Portable Power!

AMIQUEST A600/1200 PORTABLE EXTERNAL HARD DISK DRIVES

No taking your Amiga apart... just plugs into the PCMCIA slot of your A600/A1200 computer. Fantastic 2.5" IDE device that's small & easy to fit. Faster access times than internal units. Use as a second HD (for backups etc.). Full 12 months warranty.

Doesn't invalidate your CBM warranty!

CAPACITY	GH Price
130Mb External	£249.95
170Mb External	£264.95
200Mb External	£299.95
250Mb External	£324.95
340Mb External	£399.95

AMIGA COLOUR MONITORS

Philips 14" Colour Monitor

Philips 17" Colour Monitor

Philips Pro 2000 17" Colour Monitor

Amiga Displays

Monitor & TV Monitors for better displays from **£159.95**

You'll see the difference!!!

MICROVITEC 14" COLOUR MONITOR 0.28 Dot Pitch, Hi-Res Colour (requires separate speakers). Ideal for Amiga, Acorn, ST, PC-SVGA, etc. Cable Included FREE!	PHILIPS CHERRY 14" COLOUR MONITOR One of GH's best selling monitors ever! We have secured... LIMITED STOCKS of this great all round display. Plugs straight into your Amiga with the cable supplied FREE by GH!	PHILIPS PRO2000 17" COLOUR MONITOR/TV 2000 Character Resolution 17" FST High Definition & FastText TeleText! Includes Remote, Loop Aerial, Headphone Socket, front panel Audio/Video input, SCART Socket (for direct connection) with FREE Leads!	PHILIPS ENTRY LEVEL 14" COMPUTER TV Ideal first time display and TV too! Infra Red Remote, front panel Audio/Video input sockets (for camcorder etc.), SCART Socket for direct computer connection. FREE Amiga Leads!
Microvitec 14" Monitor Only... £299.95 (Requires Speakers)	CM8833 14" GH Best Seller... £234.95 (Internal Speakers)	Pro 2000 17" Larger Quality!... £239.95 (Internal Speakers)	Philips 14" GH Best Budget Buy... £159.95 (Internal Speakers)

Viper 68030 Turbo

NEW LOWER PRICES FOR VIPER TURBO ACCELERATORS

VIPER 68030 TURBO ACCELERATORS

£149.95

£249.95

AMIGA RAM TRAPDOOR UPGRADE

0.5Mb for A500 with Clock **£39.95**

1Mb for A500+ with Clock **£49.95**

1Mb for A600 with Clock **£49.95**

HAMA GENLOCK HARDWARE

Professional Video! Computer effects made easier with these great HAMA products. Phone for an in-store demo!



HAMA A-CUT EDITING CONTROLLER

Transforms your Amiga into an editing computer for video post production. Use with VHS, VHS-C, S-VHS, S-VHS-C, Video II and Hi-8. Includes comprehensive HAMA Software

HAMA A-CUT
£199.95

HAMA 293 GENLOCK

S-Video & Composite Genlock. Single Fader, RGB Control

HAMA 293
£279.95

HAMA 290 GENLOCK

S-Video & Composite Video Mixer, Dual Fader, Monitor Thru

HAMA 290
£699.95

All listed prices are what YOU PAY, and there are NO HIDDEN EXTRAS. Prices are correct at time of going to press (Pack details may vary from time to time). Offers and Services are subject to availability and to being the latest advertised products, packs and prices. Please note goods are not supplied on a credit basis.

"Confirm you're getting the BEST DEAL - call those friendly people at the UK's FAVOURITE DEALER!"

BUY FROM GH WITH ABSOLUTE CONFIDENCE! "As a family business established in 1955, we've supplied computers for the past 12 years. With over £32 million worth of units sold, and more than 215,000 happy customers, our trading record is second to none! Why don't you try us for your next Amiga product and find out just why we are the UK's Favourite Amiga Dealer! Phone us now - you'll be pleased you did!"

GH AMIGA PRINTERS

"We've selected some of our Best Sellers and held the prices LOW! Of course with GH you will receive a FREE Cable and with Dot Matrix models you also get a FREE Dual Cover!"

New Product



EPSON STYLUS 800
720 dpi COLOUR INKJET
Exciting and revolutionary NEW HIGH QUALITY INKJET PRINTER! Boasting incredible 720dpi resolution max. output, the Stylus 800 is unique! Take a look at recent mag. reviews and glowing reports! If you need the ultimate low cost inkjet proofing device - This is the one for you!
(Works with current drivers but requires a new one that takes advantage of the 720dpi resolution - available soon!)

Epson Stylus Colour
Excellent and Truly Unique Budget Inkjet 720dpi Printer
ONLY... **£449.95**



CITIZEN PRINTER RANGE
A great range of Dot Matrix Printers...

Citizen ABC - 24Pin

Choose either Mono or Colour!
Budget MONO... **£129.95**
Great Value COLOUR... **£154.95**

Citizen 90, 9Pin Colour

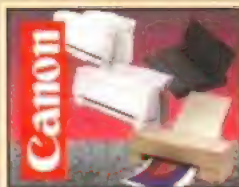
One of our Best Selling COLOUR Printers...
ONLY... **£164.95**

Citizen 200, 24Pin Col.

Super Print Quality at a special low price
ONLY... **£184.95**

Citizen 240, 24Pin Col.

Super Quality Print and Feature Packed...
ONLY... **£224.95**



CANON BUBBLEJET RANGE
If you prefer Bubblejet (inkjet) then think Canon!

Canon BJ10sx Mono

Low cost A4 Printer with 360dpi resolution
JUST... **£179.95**

Canon BJ200 Mono

Low cost A4 Printer with 360dpi resolution
JUST... **£239.95**

Canon BJ230 Mono

Superb A4/A3 Printer with 360dpi resolution
JUST... **£319.95**

Canon BJ600 Colour

Fully featured A4 Printer with 360dpi resolution
JUST... **£449.95**



BRAND NEW HP 320 MONO INKJET PRINTER
Replaces the popular 310 model and now has 600 x 360dpi resolution. Ask for details of the optional colour kit!

New Product
HP 320 Mono
Low cost A4 Printer with 360dpi resolution
JUST... **£229.95**
Optional SHEET FEEDER Only... **£61.95**
Optional COLOUR KIT Only... **£39.95**

CONSUMABLES/ACCESSORIES

Canon
INKJET CARTRIDGES:
B110ex/sx **£15.95**
B1200/230 **£15.95**
B1600 Black **£6.95**
Cyan, Magenta, or Yelo **£8.95**
B1C600 Pack - inc. Cyan, Magenta, Yelo, Black **£32.95**
B1800 Black **£16.95**
Cyan, Magenta, or Yelo **£21.95**
B110ex SHEET FEEDER **£84.95**
CITIZEN
RIBBONS:
120D Mono **£3.95**
90/C Mono **£3.95**
90/C Colour **£15.95**
24/200/240 Mono **£3.95**
Colour **£15.95**
9/24Pin B0 Col. Colour Kit **£37.95**
32K RAM BUFFER - 24/24E **£13.95**
32K RAM BUFFER - 200/240C **£19.95**
128K RAM BUFFER - 200/240C **£32.95**
80 Col. AUTO SHT. FEEDER **£84.95**

hp
INKJET CARTRIDGES:
Deskjet BLACK (Double Life) **£23.95**
Deskjet TRI COLOUR **£26.95**
Paintjet BLACK **£38.95**
PAPER - Single Sheet **£18.95**
PAPER - 'Z' Fold **£20.95**
TRANSPARENCY FILM (50Sht) **£49.95**
EPSON
INKJET CARTRIDGES:
Stylus 800 Black **£19.95**
Stylus 800 Black **£39.95**
PAPER **£21.95**
Stylus 800 **£21.95**
CITIZEN
ABC PRINTER ACCESSORIES:
COLOUR KIT **£24.95**
TRACTOR FEED **£39.95**
PHONE US FOR OTHER PRINTERS AND EVEN MORE ACCESSORIES AND CONSUMABLES AT GREAT PRICES!!!

harwood

THE GH ADVANTAGE...

Remember when you buy from GH we look after you! Our policy gives you...
FREE UK Mainland collection and re-delivery for any major hardware item that may develop a fault in the first year, access to our special Help-Line, an option to extend most product warranties for a period of your choice and...

MUCH MORE!

Why not ask about our 'LifeTime Warranty Plan', you'll be amazed at the **LOW COST!** Even if you purchased hardware elsewhere you may still be able to take advantage of this unique scheme. Call us now, you'll be pleased you did!



DIAL-A-DEAL

01-773-836781 or

FAX US FOR A 'QUICK-QUOTE' ON...

01-773-831040



POWERDRIVE 880K - 3.5" EXTERNAL DRIVE

Anti Click, Anti Virus, Throughport, Sony Mechanism, can be upgraded to 1.7Mb Spec. With FREE Blitz & Expander software to give 1.4Mb per disk!
Cyclone compatible.
Full 2 Year warranty.
£49.95
Great Value

POWERDRIVE 1.7Mb HD 3.5" DRIVE

A massive 1.7Mb capacity is now available on every Amiga disk! Inc. FREE Head Cleaner
£69.95
BIG Capacity

CUMANA 3.5" DRIVE £59.95
Throughport, Extra Long Cable
FREE Head Cleaner

AMITEK 3.5" DRIVE £62.95
Built-in Anti Virus checker and FREE Disk Head Cleaner!

CYCLONE SOFTWARE £14.95
Fully compatible with either of the two Powerdrive models shown in this advert

We also supply other Disk Drives (not listed above) both internal and external at **GREAT PRICES!**
Phone GH and ask for details



SUPRA FAX MODEMS

Supra 144LC
V32 Bis - Transmit & Receive Faxes at up to 14400bps! Includes a cable to your Amiga (Fax s/w available, see panel below)
£139.95
GH Value

Supra 288
Feature packed! Can operate up to a FAST 28800bps! Includes a cable to your Amiga (Fax s/w available, see panel below)
£229.95
GH Value

GP FAX SOFTWARE
Required by Supras for Fax transmission and receipt.
£49.95

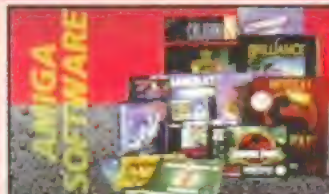
AMIGA ACCESSORIES

AMIGA MICE:
HQ Microswitched, smooth 400dpi **£11.45**
Resolution MEGA MOUSE **£28.95**
Alpha Data Mouse Pen **£32.95**
HQ Microswitched Trackball **£29.95**
Auto Mouse/Joystick Switcher **£17.95**
Mouse Mechanic - mouse cleaner **£4.95+p&p**

AMIGA MIDI INTERFACE:
Midi Interface Sport **£14.95**

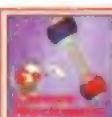
AMIGA JOYSTICKS:
Ziplink Autolink **£11.95** The 'BUG' **£14.95**
(Full range of Joysticks and other joysticks - PHONE!)

AMIGA DISK PRODUCTS:
TDK 3.5" DS DD - 10 **£6.95** 50 **£29.95**
TDK 3.5" DS HD - 10 **£8.95** 50 **£38.95**
Certified Bulk Disks with labels
10 with library case **£4.95**
50 Disks - No Library Cases... **£19.95**
100 Disks - No Library Cases... **£35.95**
250 Disks - No Library Cases... **£79.95**
3.5" Essential Disk Head Cleaner - **£2.95**
PHONE FOR LOTS MORE ACCESSORIES TOO!



NEW... PAGESTREAM 3 **£229.95**
PEN PAL Vers. 1.5 **£34.95**
FINAL COPY II Release 2 - AGA **£49.45**
FINAL WRITER NEW Release 3 - AGA **£74.95**
MINI OFFICE **£39.95**
SCALE HT100 **£35.95**
DELUXE PAINT 4.1 **£64.95**
DELUXE PAINT 4 - AGA **£74.95**
VISTA PRO 3 **£29.95**
VISTA PRO LITE **£29.95**
ART DEPARTMENT PRO 2.5 **£149.95**
REAL 3D CLASSIC **£74.95**
REAL 3D Vers. 2.0 **£399.95**
CALIGARI **£97.95**
BRILLIANCE 2 **£49.95 LIMITED OFFER**
IMAGINE 3 **£109.95**
X-CAD 2000 **£22.95**
X-CAD 3000 **£227.95**
ART EXPRESSION **£144.95**
GB ROUTE + **£36.95**
DISK EXPANDER **£32.95**
PC TASK **£37.95**
BLITZ BASIC 2 **£54.95**
DIRECTORY OPUS 4 **£51.95**

Listed is a small selection of our vast range of Amiga software. Phone us for more!



MOUSE MECHANIC
Keep your mouse in tip top condition the easy way.
Very Effective!

Only... **£4.95**
+p&p

"...at GH, we'll look after you..."

SERVICE, SUPPORT and WARRANTIES: GH's One Year GH Gold Warranty gives you complete peace of mind (new for faulty goods exchange for 30 days, service for first year - we collect & re-deliver free), with enhanced/extended options available as you prefer.

BY PHONE: We'll help with any queries and when you're ready to order we accept Visa, Mastercard, Access, Switch, Connect, Delta and Lombard Creditcharge (most 'store cards' are Lombard Creditcharge and we happily accept them).

BY POST or FAX: When ordering include your name, address and preferably a contact phone number with your order requirements. If charging a credit/debit card include its number and expiry date (and issue number with Switch cards).

PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post.

EXPORT: Most items are available at TAX FREE PRICES to non EC residents & overseas UK Armed Forces Personnel (with CO's document). Please call us for confirmation of prices and carriage charges.

FREE UK DELIVERY: We despatch promptly & offer FREE delivery of all orders throughout Mainland UK. If your order is urgent we have priority despatch options with expedited delivery available.



"Why not pay a visit to our Amiga Showrooms?"

We're Open...
Mon-Sat 9am til 5pm
Wed 9am til 1pm

gordon harwood computers limited
the UK's favourite Amiga Dealer!

GORDON HARWOOD COMPUTERS LIMITED
(Department 310/7A2)
NEW STREET ALFRETON
DERBYSHIRE DE55 7BP
Telephone: 01-773-836781
Facsimile: 01-773-831040

"Got a technical problem?" "Need an Upgrade?" "Want a new peripheral fitting?" **LOOK NO FURTHER...** GH engineers can do the job - that's guaranteed

Weird Science

CD ROMS

AVAILABLE FROM ALL GOOD CD STOCKISTS

Multimedia Toolkit CD

AN AMIGA CD WITH A TON OF USEFUL TOOLS

CONTENTS

OVER 10,000 FILES
500+ BIT IMAGES
1300 COLOUR CLIP ART
1198 SOUND CLIP ART
71 SCALEABLE CLIP ART
750 MUSIC SAMPLES
195 BITMAP FONTS
120 COLOURED FONTS
107 ADOBE FONTS
80 POSTSCRIPT FONTS
74 CG FONTS
214 ICONS

ONLY £19.95

Fonts CD

A complete CD dedicated to Fonts for the Amiga range of computers. Also PC compatible. The following formats are catered for, Adobe, CG Fonts, Coloured, Postscript, Prodraw, IFF, PCX, Pagestream, TrueType, Calamus and GDOS. Adding up to the most complete CD of Fonts for the Amiga ever. In total over 18,000 files in 900 directories. All ready to use and easily accessible in type directories.



PC COMPATIBLE & IN
ENGLISH & FRENCH

CLIP ART CD

Over 550megs of Clip Art for Amigas and PCs. The most comprehensive collection of Clip Art ever for the Amiga range of computers. In total over 26,000 files. The following formats are catered for, B&W Iff Bitmap, Coloured Iff Bitmap, Proclips, EPS, Pagesetter, Pagestream, IMG, Corel Draw and coloured brushes for DPaint. All ready to use and easily accessible in subject directories.



Clip Art CD &
Fonts CD

Only £9.99 each

CONTENTS OF CLIPART CD

15,000 + Mono Bitmap & 1300 Coloured
1500 EPS, 6900 IMG, 93 Pagesetter
290 Pagestream, 86 Proclips, 120 Corel
98 Printshop and 640 Brushes for Dpaint

CONTENTS OF FONTS CD

2000+ Adobe & CG Fonts with PS Fonts
500 Bitmap, 190 Coloured, 240 Iff
139 Pagestream, 24 Prodraw, 500 TrueType
132 PCX, 300 GDOS & 230 Calamus

AMIGA & PC Compatible

Amos CD

THE OFFICIAL AMOS PD
LIBRARY ON COMPACT DISC

The Official Amos PD Library is the largest source of Amos related source code and programs in the world today. The library is run by Ian & Anne Tucker and is endorsed by European Software, the publishers of Amos and Amos Pro. This compact disc contains the entire library from disk 1 to disk 3, each one arranged in it's own directory and catalogued. The disc contains in excess of 25,000 files with over 1000 Amos source code files, 1000 game banks, 250 Demo banks, 800 samples, numerous music banks and several extensions to Amos & Amos Pro. Workbench is also included to see Parnet and Sernet to select samples of the contents across a network from both the CDTV and the CD. This CD is only a testament to the immense following that Amos and Amos Pro has achieved in the past few years and represents the wealth of knowledge of writing Amos code which will prove to be an invaluable source of help and tuition to the Amos user. The Amos PD Library contains many games and Utilities which will prove interesting to the Amos user and non-Amos user alike. Imagine the entire contents of a PD Library on one CD. All this for only

£19.95



Compatible with all
Amigas

Network CD

SIMPLE NETWORKING TOOLS FOR AMIGA CD

The Network CD sets up a link between a CDTV or CD32 and any other Amiga. The CD32 or CDTV acts as a remote drive for your Amiga, allowing access to the vast pool of data available on CD Rom. The CD32 cable also available uses the AUX socket of the CD32 and comes complete with a keyboard pass through, thus still maintaining the ability to connect FMV or SXI addons. Network CD sets up a Workbench environment and disables the reset function, allowing the CD to be changed and access to any other ISO9660

CONTENTS

Parnet & Sernet
NComm & Term
Twin Express
Fred Fish 800 to 975
Amos PD 478 to 603
74 Utility Disks
PhotoCD Conversion
500 Images in 256 cols.

Network CD £14.99
CD³² Cable £19.95
Parnet Cable £9.99



SOUNDS TERRIFIC

A double CD pack containing over 1.2 Gigabytes of musical and sounds data for the Amiga and IBM PC computers. It all adds up to the most complete collection of sounds on any platform and will form vital part of any musicians CD collection.

CONTENTS of Sounds Terrific

4600 Modules, 14,000 Amiga Samples
168 Sound Scripts & 4500 Instruments
802 Octamix/Midi Modules, 1190 Midi Files
1552 Vocs & 642 Wave Samples
Utilities for both Amiga & IBM PC
Amiga and PC Compatible

Double CD £19.95

Also Available

Aminet 3 - £19.95

Aminet 4 - £19.95 (NEW)

LSD CD 1 - £19.95 (NEW)

Meeting Pearls - £19.95 (NEW)

ORDER HOTLINE

0116 234 0682

New Release



Amos PD Library CD for the CD³²

650 + games for the CD³², CDTV & Amiga CD. Ready to run from a simple MENU system. 100% CD³² compatible. Also includes Assassins floppy disks 1 to 200 archived easily copied back to floppy. Workbench, Parnet & Sernet included.

Weird Science

Tel: 0116 234 0682

Fax: 0116 710 0011

1 Rowlandson Close

Leicester

Leics. LE4 2SE

TRADE ENQUIRIES WELCOME

OPEN ALL HOURS

WELL, NEARLY!

9am-10pm Mon-Sat,
10am-6pm Sunday

SPECIAL OFFERS!!

IDE HARD DRIVES FOR A600/A1200

170 MB	£139
245 MB	£159
345 MB	£189
420 MB	£219

INCLUDING FREE COLLECTION AND FITTING SERVICE
IF REQUIRED. (THREE WORKING DAYS TURNAROUND)

A1200 RAM EXPANSIONS

2 MB	£109.95
4 MB	£174.95

INCLUDING BATTERY BACKED CLOCK AND
SOCKET FOR OPTIONAL FPU

PRINTERS & RIBBONS

Star LC100 Colour	£129.00
Epson Stylus 400 inkjet	£189.00
Epson Stylus 800 Inkjet	£249.00
Epson Stylus Colour 720dpi	£439.00
Seikosha SL96 24 Pin Col	£160.00
HP310 Colour Ink Jet	£229.00
HP310 + Auto Sheet Feeder	£269.00
Printer Lead	£3.99

**WE STOCK A WIDE RANGE OF RIBBONS
AT LOW PRICES - PLEASE CALL**

LEADS & CABLES

Serial	£4.99
Null Modem	£5.99
Joystick Extender 3 metre	£3.99
Joystick/Mouse Extender	£3.99
Amiga to SCART	£7.99
Amiga to 1084S/8833	£7.99
Analog Joystick Adapter	£4.99
4 Player Adapter	£5.99
Parnet Cable	£8.99

TRACTORFEED DISK LABELS

Now you can print your own professional disk labels!

500 Plain white disk labels on tractor feed,
complete with FOUR disks of software and artwork.

**Yours for ONLY
£9.95**

1000 Labels with software
ONLY £13.50

AMIGA HARDWARE

Microvitec 1438 Monitor	£289.00
Cubscan 1440 Multisync	£389.00
External Floppy + Virus Killer	£56.95
A500 Internal Floppy Drive	£45.00
A500 512k Ram exp + Clock	£19.99
A500 1.5 Meg Ram exp	£76.95
A500+ 1 Meg Ram exp	£29.00
A1200 2 Meg Ram exp + Clock	£109.95
A1200 4 Meg Ram exp + Clock	£169.00
A500/A600/A1200 Power Supply	£29.95
A600 1 Meg Ram Exp	£27.50
800 dpi Scanner	£99.95

THIS MONTHS SPECIALS

DISKS AND LABELS

GRADE A GRADE B

DSDD	26P	24P
DSHD	37P	32P

100 DD+ BOX ONLY £26



Fuji Branded

DSDD BOX OF 10	£3.20
DSHD BOX OF 10	£5.99

STORAGE BOXES

Most types are available for 3.5" or 5.25" disks.

10 capacity	£0.95
20 capacity	£1.95
40 capacity	£2.99
50 capacity	£3.20
100 capacity	£3.40
80 capacity Banx drawer	£7.90
150 capacity Posso drawer	£15.95
200 capacity drawer	£11.95

VISIT OUR SHOP

9.30am - 5.30pm Mon - Sat,
9.00am - 1.00pm Thurs



MISCELLANEOUS

Mousehouse	£1.80
Mousemat 6mm thick	£1.00
Mousemat 9mm thick	£2.50
Amiga/Atari Mouse	£12.00
Diskdrive cleaner	£1.80
A500 Dustcover	£3.50
A600 Dustcover	£3.50
A1200 Dustcover	£3.50
Monitor Dustcover	£3.50
LC20 Dustcover	£3.50
LC100 Dustcover	£3.50
LC200 Dustcover	£3.50
LC24-200 Dustcover	£3.50
Roboshift	£12.50
Amiga Lightpen	£29.95
Optical Mouse	£32.00
Megamouse 400 DPI	£12.95
Alfadata Trackball	£26.95
Crystal Trackball	£32.00
Zydek/Truedox Trackball	£25.95
Zyfi Amp/Speakers	£34.95
Zydek Pro Speakers	£49.00
80 Watt Speakers hi quality	£50.00
Action Replay Mk III	£56.95
Midi Master	£26.00
Tilt/Turn Monitor Stand	£9.95
2-piece Printer Stand	£3.49
Metal Printer Stand	£8.99
A4 Copyholder	£5.99
Metal Angle Poise Copy Holder	£14.95
Microperf Tractorfeed Paper:	
500 sheets	£4.50
2000 sheets	£14.95

JOYSTICKS

All joysticks have autofire feature except those marked *.

Trigger Grip Models

Quickshot Turbo	£6.95
Python 1M	£7.95
Jetfighter	£11.95
Topstar	£18.95
Sigma Ray	£14.95

Base Fire Button Models

Maverick 1M	£12.95
Zipstick	£11.95
Comp Pro 5000*	£10.95
Comp Pro Extra	£12.95
Comp Pro Star	£12.95
Cruiser Multicolour*	£9.95
Advanced Gravis Black	£24.95
Comp Pro Star MINI	£14.95
Aviator 1 Flightoke	£22.95

Handheld Models

Speedking	£10.50
Navigator	£13.95
Bug	£11.95

ANALOG JOYSTICKS

These Joysticks will fit any Amiga

Warrior 5	£14.95
Saitek Megagrip 3	£19.50
Speedking Analog	£13.95
Intruder 5	£25.50
Gravis Analog Pro	£39.00
Adapter to use any PC analog joystick on an Amiga	ONLY £4.99

COMPUTER SUPPLIES
Direct



0782 206808
9am-10pm 7 days



BUSINESS HOURS

9am to 10pm Mon-Sat, 10am to 6pm Sun

All items and offers subject to availability. E&OE

48 Hour Delivery £3.30: 24 Hour Delivery £3.75

We accept POs, cheques & credit cards

Please write Cheque Card Number on cheque for instant clearance

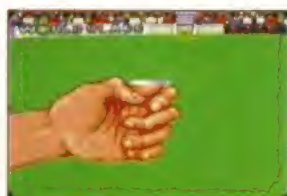
BUSINESS AND EDUCATION ORDERS WELCOME All Prices inc VAT



DIRECT COMPUTER SUPPLIES 36 HOPE ST, HANLEY, STOKE ON TRENT ST1 5BS

Kilmarnock supporter Steve McGill investigates why, if the game of cricket had never been invented, we would all be frustrated footballers.

Battle For The Ashes



Heads we play cricket, tails we play England.



In 1970, a 10 pence piece was known as two bob. Not a lot of people in the cricketing world know that.



Both players are put through a test of nerve, reactions and judgement.

Pace, aggression, stamina, dexterity, sharpness and judgement are all required of anyone wanting to play that most dangerous and exciting of white trouser-clad games – cricket.

Since the inception of *Graham Gooch Cricket* into the Amiga market, the cricket simulation sector was wrapped up. Nothing else could compete against it in terms of feel, play mechanics, statistical accuracy and fun.

You could play limited over matches, Test matches, against a friend,

against the computer or, for stat heads, you could even have the computer play against itself.

The players that made up each team were up to date with their performances in the real world too. Batting averages, bowling averages and fielding averages were all taken care of and it meant that, rather than feel that you were playing an arbitrary computer game, you felt involved with current cricketing events.

Further improving on most of the cricket sims that had gone before it, *Graham Gooch Cricket* offered a first



Make sure your bedroom door's open when you waggle the joystick harder for an extra run.



Whipping off his balls was easier than slicing through butter with a hot knife.

person perspective view of the wicket – the part of the field where most of the action takes place, apparently.

Fielders could be positioned according to the preferences and idiosyncrasies of the type of bowlers used and the ability of the batsman at defending the wicket. These positions could be swapped around if fine tuning was required. All in all it contributed to the feeling that *Graham Gooch Cricket* was a sim rather than just a game. You could edit all the names of the players too.

And, just like real cricket, the batsman's job came down to positioning, reactions, timing and instinct. And just in case you were wondering, eight different types of shot could be played depending on the type of ball being fired in by the bowler.

The embarrassing part of all this of course was the inclusion of the wiggle waggle factor, both for increasing the amount of spin or pace of the bowler and the speed that the fielders ran between the wickets. Not only did it decrease the lifespan of your joystick drastically, it also led to an undeserved reputation if people weren't aware of what you were doing.

In the googlies

Anyway, that was *Graham Gooch Cricket* which we awarded 78% in AF47. Not *Battle For The Ashes*. So why have we spent the whole of this review referring to it?

Well, *Battle For The Ashes* is *Graham Gooch Cricket* with its wings clipped – because in *Battle* you can only play a five-day Test match between England and Australia and you can't edit the teams.

But on the plus side, *Battle For The Ashes* will only set you back a tenner and it can be upgraded with a 94/95 data disk.

So, there's no longer any excuse not to involve yourself in the heady world of willow and leather spanking. Bowl yourself a googly today.

GRAPHICS: Functional, if not aesthetic.	7 out of 10
SOUND: The cheesiest music you'll ever hear.	5 out of 10
ADDICTION: It's Test match-only, which wears you down.	7 out of 10
PLAYABILITY: Great, if you like waggling your joystick.	8 out of 10

Battle For The Ashes

Publisher:	Audiogenic 0181-424 2244
Price:	£9.99
Versions:	A500/A600/A1200
System requirements:	1Mb
Release date:	Out now

VERDICT:
It's not bad at the price, but it reeks of blatant cashing in.

OVERALL SCORE

70%

SILICA ARE NOW IN 18 BRANCHES OF
DEBENHAMS
SEE BOTTOM PANEL FOR DETAILS

NEW!

AMIGA CD32
CRITICAL ZONE PACK - WITH 7 CD TITLES

**CRITICAL ZONE
32-BIT SYSTEM
PLUS!
7 CD TITLES**

- 32-BIT POWER
- BUILT-IN DUAL SPEED CD-ROM DRIVE
- 16.8 MILLION COLOURS
- ALSO PLAYS AUDIO CDs
- 11 BUTTON CONTROLLER
- TITLES AVAILABLE FROM £14.99
- OPTIONAL SX1 COMPUTER MODULE
SEE BELOW LEFT
- OPTIONAL FULL SCREEN VIDEO CD MODULE
SEE BELOW LEFT



MORE THAN JUST A GAMES CONSOLE...

WATCH MOVIES

Simply plug into the back of the CD³² console and you'll be able to play block-busting movies with digital picture and sound.

FMV MODULE
CCA 0320
£199 INC VAT
EXPECTED DURING 1995

COMPUTER UPGRADE

Turn the CD³² into a fully functional Amiga 1200 compatible computer.

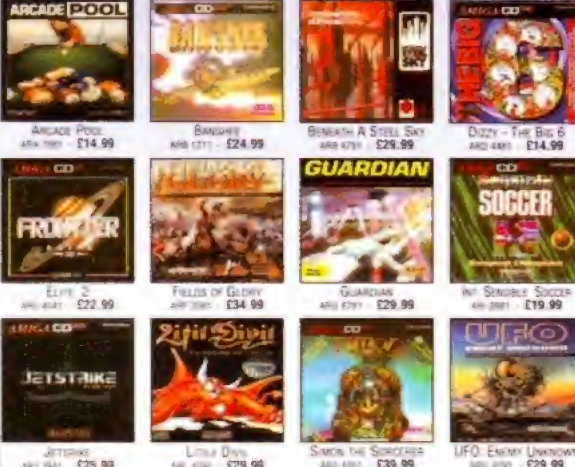
SX1 MODULE
CCA 0100
£199 INC VAT

KEYBOARD
PKE 0120
£39 INC VAT

DISK DRIVE
DRI 1159
£59 INC VAT

A COMPREHENSIVE RANGE OF TITLES

JUST SOME OF THE 100+ TITLES AVAILABLE ON CD FOR THE AMIGA CD³²



NEW RELEASES!

ALIEN BREED TOWER ASSAULT	£29.99 ARA 5011
RISE OF THE ROBOTS	£34.99 ARR 4641
WORLD CUP GOLF	£29.99 ARW 1981
SUBWARS 2050	£29.99 ARS 6901
SUPER STARDUST	£29.99 ARS 7001
THEME PARK	£34.99 ART 4051
SOCCER KID	£29.99 ARS 6071
SPEEDBALL 2	£14.99 ARS 6061
TOP GEAR 2	£29.99 ART 5401
VITAL LIGHT	£29.99 ARY 4631

CD ³² GAMES CONSOLE	RRP	£249.99
CANNON FODDER	RRP	£29.99
DIGGERS	RRP	£29.99
LIBERATION	RRP	£34.99
MICROCOSM	RRP	£44.99
OSCAR	RRP	£29.99
PROJECT X	RRP	£12.99
ULTIMATE BODY BLOWS	RRP	£29.99
TOTAL VALUE:		£462.92

£239

INCLUDING VAT - CCD 3450
FREE DELIVERY
IN UK MAINLAND



**PHILIPS
COLOUR MONITOR**
Sharpen your output with this high quality 14" RGB & Composite, Stereo Monitor

RRP £299.99
£219 INC VAT
MON 6833 - Req. cable CAB 5024 £5.95



THE SILICA SERVICE

Before you decide WHEN to buy, we suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon now and begin to experience the "Silica Service".



DEBENHAMS
STORES NATIONWIDE

- **ESTABLISHED 16 YEARS**
We have a proven track record in professional computer sales.
- **PART OF A 2000 A YEAR COMPANY**
With over 300 staff - We are solid and reliable.
- **EXPERIENCED STAFF**
All are "Customer Care" trained and at your service.
- **TECHNICAL SUPPORT SERVICE**
FREE help and advice from a team of experts.
- **100% PRODUCT RANGE**
All your computer requirements from one supplier.
- **PRICE MATCH**
We match on a "Same product - Same price" basis.
- **FREE CATALOGUES**
With special offers and product news.
- **PAYMENT**
We accept most major credit cards, cash, cheque or monthly terms (APR 24.9% - further options on request).
- **WARRANTY DISCOUNT AVAILABLE**
Business, Education and Government.
Tel: 081-308 8888.
- **FREE DELIVERY**
FREE DELIVERY in UK Mainland on orders over £40.00. Small administration charge (£2.50/unit) on orders under £40.00.
- **21 STORES NATIONWIDE**
21 stores including 18 in branches of Debenhams.

MAIL ORDER 081-309 1111

PLUS TECHNICAL AND HEAD OFFICE

SILICA, SILICA HOUSE, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - (Old Road) St James Barton	0272 291021
CARDIFF	Debenhams - (Old Road) St David's Way	0222 341576
CHELMSFORD	Debenhams - (Old Road) 27 High Street	0245 355511
CROYDON	Debenhams - (Old Road) 11-31 North End	081-688 4455
GLASGOW	Debenhams - (Old Road) 37 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (Old Road) Millbrook	0463 301300
HARROW	Debenhams - (Old Road) Station Road	081-427 4300
HULL	Debenhams - (Old Road) Prospect Street	0482 25151
IPSWICH	Debenhams - (Old Road) Westgate Street	0473 221313
LONDON	Silica - 52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - (Old Road) 334 Oxford St	071-580 3000
LUTON	Debenhams - (Old Road) Airside Centre	0582 21201
MANCHESTER	Debenhams - (Old Road) Market Street	061-832 8666
PLYMOUTH	Debenhams - (Old Road) Royal Parade	0752 266666
ROMFORD	Debenhams - (Old Road) Market Place	0708 766066
SHEFFIELD	Debenhams - (Old Road) The Moor	0742 768611
SHEFFIELD	Debenhams - (Old Road) Meadowhall Ctr	0742 569779
SIDCUP	Silica - Silica House, Hatherley Rd	081-302 8811
SOUTHAMPTON	Debenhams - (Old Road) Queensway	0703 223888
SOUTHEND	Kidderies - (Old Road) High Street	0702 462426
THURROCK	Debenhams - (Old Road) Lakeside Centre	0708 863587

To: Silica, AMF09-0295-231, Silica House, Hatherley Rd, Sidcup, Kent, DA14 4DX

PLEASE SEND INFORMATION ON AMIGA CD³²

Mr/Mrs/Miss/Ms: _____ Initials: _____

Surname: _____

Company (if applicable): _____

Address: _____

Postcode: _____

Tel (Home): _____

Tel (Work): _____

Which computer(s), if any, do you own?



Steve Bradley dons his Leeds United strip, firmly ties his bootlaces and leisurely strolls on to the pitch. But is he on the winning side?

Kick Off 3 EC



Occasionally, a goal is celebrated with the scorer sliding on his knees towards the crowd – an offence these days.

FIVE MORE TO CHOOSE FROM

1. Sensible World Of Soccer (Renegade)
2. Empire Soccer (Empire)
3. Goal! (Virgin)
4. FIFA International Soccer (Electronic Arts)
5. Manchester Utd PLC (Krisalis)

Way back in the Summer of '94, at the height of World Cup fever, *Kick Off 3* was released to a

somewhat mixed reception. Despite the plethora of other football games hitting the shelves at that time, the strength of the *Kick Off* name ensured that it would be a high profile release. Anco, obviously deciding that Sensible Software had the top-down view perspective game firmly sewn up, opted for a sideways-viewed pitch and the results were, while aesthetically pleasing, rather patchy.

Kick Off 3 returns, this time wearing the cap of *European Challenge*, the package including five countries' premier sides and a miscellaneous

bunch from a variety of others. Oh, and 24 international teams, too, as well as league and pre-set cup competitions. Again, Anco in their wisdom are releasing a game when the competition is at its strongest – this time, nicely coinciding with *Sensible World Of Soccer's* airing.

So, what's new? Well, the overriding feeling is that of a game which has undergone minor tweaking and not much else. The players now sport a delightful ring around them when in possession of the ball, they appear to move with more fluidity than their predecessors, yet their behaviour remains as erratic as ever.

A scene: ball rolls off toward corner flag with not a player in sight. Desperately, you keep your thumb on the pad/stick, in the vain hope that one of your men will scurry after the ball, and while this only takes seconds, it seems an age. In general, the game lacks polish – who is this team that plays in England called City? And why can't they get the colour of the kits right?

Team work

Interestingly, one of the options is the Team Talk. During the game, you can pause the action and offer the lads advice. One suggestion is that they 'sit on it', while others include, 'get stuck in' and, 'relax'. Quite how their behaviour is affected remains unclear. Must be me, I guess. Alan Hudson sat on the ball on his England debut against the Germans – my lads were not so controversial.



A handy practice option offers you the chance to knock the ball over the wall on free kicks. Unfortunately, the wall looks about a foot tall, making the task rather simple.



An Italian friendly between Fiorentina and Juventus. Interestingly, Anco spell Juventus, Yuventus. Charming.



There seem to be a few choices missing here. What about throw a teacup, verbally abuse the referee, give the away fans a 'Harvey Smith'?

Graphically, it's a pretty affair. The sprites are huge and well-animated – one major plus point is that the players wear Charlie George-esque sideburns with aplomb, and this is surely the only footer game where every participant bar the goalies sport sweatbands.

But *Kick Off 3* finds itself on a crowded shelf – the competition has wised-up since *Kick Off 2* ruled the Amiga and although this is by no means a bad game, it wavers in the face of *Sensible*, *Empire Soccer* and its direct rival, *FIFA International Soccer*.



There really is no excuse for teams such as Aston and City. Sloppy, Anco. Thankfully, they both got knocked out in the first round.

Kick Off 3 European Challenge

Publisher:	Anco Software 01332 292513
Price:	£24.99 (A500), £29.99 (A1200)
Versions:	A500/A600/A1200
System requirements:	1Mb (A500)/2Mb (A1200)
Release date:	Out now

VERDICT:
A competent, if flawed game. Looks great, but lacks playability.

OVERALL SCORE

64%

GRAPHICS: 8 out of 10
The players sport sweatbands. Need I say more?

SOUND: 6 out of 10
Funky soundtrack, but crowd effects are poor.

ADDICTION: 6 out of 10
Ultimately, this is not compulsive fare.

PLAYABILITY: 6 out of 10
Frustrating, but improves as you get better.



It's a whole new world, and it's full of lemmings. Steve McGill gets to grips with the little fellas but comes second in the battle of wits, skill and timing...

The All New World Of Lemmings

In *Lemmings 2* there were 12 tribes. Here there are only three.



You can choose which land and which tribe of lemmings you want to control either from this screen or from the Ark. Oddly, it's quicker to enter any world from the Ark.

No one Amiga game has made quite such an immeasurable impact on the gameplaying public's imagination as *Lemmings*. The concept of altruistically guiding hundreds of silly little creatures to safety while simple, was completely revolutionary and could only have turned up on a home computer such as the Amiga.

Despite thousands and thousands of converts, myself included, some of the criticisms aimed at the game were pretty relevant and made sense in the way that a fluffed note in an orchestra makes sense – you tend to ignore them because you are too busy listening to and enjoying the harmony of the rest of the symphony.

But now seasoned gamer and novice alike are more versed in the art of game design. Especially Amiga gamers, because over the past six years or so, we've almost had a monopoly share of the very best games on the market.

So that's why, if you're a die hard fanatic of *Lemmings*, you might as well ignore everything that's about to follow. It is heresy, and for that crime the writer freely admits that he should be burned at the stake and his ashes cast to the four winds.

For, despite the overall improvement in game mechanics and the inclusion of genuinely nice, though not novel, ideas, *The All New World Of Lemmings* is incredibly, incredibly, incredibly irritating. It can be installed to



Some of the new mechanics that have been implemented in this version of *Lemmings* include the ability to pick up different tools and the like. Here we've just used a pick to help free the prisoners. (Just why the lemmings up above are all meandering around in yellow vests and snorkelling gear remains something of a mystery.)

LEMMINGS ARE NOTHING WITHOUT CONTROL



The different tool types are accessible after your lemming has picked them up. Good idea.



The good thing about this command is the ability to force a change of direction. Very handy.



The traditional blocker can now be freed up by using the walker command (see left).



Bit of a strange one this. After it's issued, the lemming jumps over the nearest obstacle.



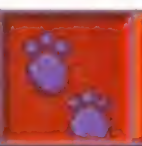
This is where all the tools that you pick up are stored. Can become confusing when there are too many.



This command is invaluable. It lets you drop tools over the side of crevices and follow them later on.



These four icons are standard issue from the first *Lemmings*. The timer on the left looks different but fulfils the same function as before.



The Shadow Lemmings have a whole potted history behind them. We're not going to tell you it here because then you'd think that we were simply trying to fill some caption space.

hard drive, but even the installation routine is frustrating. So much so that I didn't bother with it and played the game from floppy instead.

Why the game should be irritating isn't immediately obvious. This time round though, unlike *Lemmings 2 - Tribes* which had 12 different types of lemmings, here there are only three varieties. So that's slightly irritating. More are promised at a later date, but in a calculated move that's going to cost you more money. Irritating.

World domination

Each type of lemming - Egyptian, Classic and Shadow - has 30 levels respectively. As is to be expected, they start easy, in a nice introductory kind of way and get progressively more difficult with frightening rapidity.

By the time the increasing difficulty starts to bite, some of the old conceptions of the original should hopefully have died off. No more waiting for lemmings to reach an obstacle before they turn back. You just command them to do so.

Now, there are five basic commands to be issued to each lemming rather than different types of lemming (check the boxout to find out more). Two of these commands, the pick up and drop, make up for the loss of the different types of lemmings. Presumably, this feature has been implemented so that the player has more to aim at on screen so that the game can still be played accurately with

a mouse with a resolution lower than 180dpi and dirty rollers.

In theory, it's welcome. In practice, it isn't such a good idea. At times, you have to use the right mouse button to switch between different lemmings that have picked up different tools. If timing is crucial, this leads to uncalled for confusion, and ultimately, irritation.

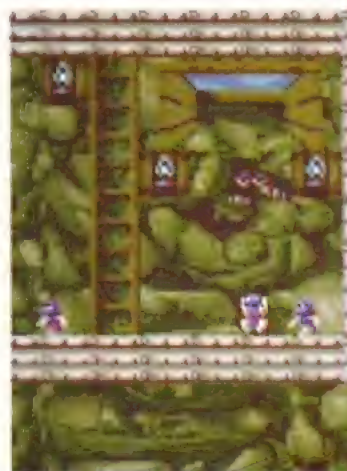
Fortunately, it doesn't make the game unplayable - just bloody, bloody annoying. Just as annoying in fact as one of the old bugbears of the other two *Lemmings* games - selection of one particular lemming from a whole bunch of other little fellas.

Admittedly, Psygnosis have met the problem half way by making the user-selectable lemmings highlighted in red.

But that still doesn't manage to stop the occasional lemming or two from craftily hiding behind a selected lemming. And, yep, you guessed it, you usually only find out that the stalking horses are there when you need them to be there least. Aaaaargghh!

So, you might have concluded that I, Stephen Nomiddlename McGill didn't like this game very much. And you'd be right. I hated it. But in terms of objectivity and professional reviewership, it has been admitted that it isn't a terrible game.

In fact, many *Lemmings* converts are going to love the various changes such as the inclusion of animals, the extra tools, and the larger command boxes. Good luck to them.



Working conditions in the mines never bothered any lemming.

Lemmings 3

Publisher:	Psygnosis 051 709 5755
Price:	£29.99
Versions:	A500/600/1200
System requirements:	AGA, 1Mb machines
Release date:	Out now

VERDICT:

Nice touches to please fans of the original, but more of the same, really.

OVERALL SCORE

70%

GRAPHICS:	7 out of 10
Bigger and better animation than the original.	
SOUND:	7 out of 10
Fairly rudimentary and functional.	
ADDITION:	8 out of 10
Strangely, it's either compulsive or irritating.	
PLAYABILITY:	8 out of 10
See above for an identical conclusion on this.	

PDSoft CDROM

Sold over 1,000 copies last month

£19.99

Internet address: info@itp.mcgill.ca, <http://www.itp.mcgill.ca>

CDROM SOFTWARE

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 101–107

CD013- 41105 CD 1

Special Offer
£12.99
Compatible
AMIGA
Computer

CD034 THE ASSASSIN'S GAMES *New!*
£19.99
Compatible with CD32, AMIGA Computers

WIERD SCIENCE
CD049 THE CUSER'S
GROUP
\$29.99
 Compatible
 with all
 AMIGA

Computer

WALNUT CREEK

CD063 VISIONS **New!**
£29.99
Compatible with all

CD072 ADULT SENSATION
£19.99
Compatible

CD071 ULTIMEDIA 1&2
£20.00

Images, Textures, Sounds, and IFFs, GIFs, & new Anim. Tool to make use of WAV files. **ULTIMATE MEDIA Double CD.** MEDIA TRANSFUSION CD-ROM, COM, ENGLISH


Compatible with *CDOL
& all
AMIGA's

Double CD.

FRED FISH

Tel (01702) 466933 Fax 617123
PPSOF Ltd - 1 Bryant Avenue, Southampton, SO8 5RN, UK

THE PROFESSION IFF & PCX (CD051)
PDSOFT



Clip Art
The New!

A professional selection of black and white PCX and IFF clipart. Subjects from cartoon animals to space crafts. These images are perfect for any publishing program or Paint package. These are hundreds of different subjects and viewers for Amiga, MSDOS, Windows and MAC.

Another month, and another look at the best-selling Amiga games of the past 30 odd days. Steve Bradley sorts out the wheat from the chaff.



The charts are copyright ELSPA

The top games

CLOCKWISE FROM LEFT: The finest Amiga racing game? *Micro Machines* is back in the charts. *Theme Park* drops in at number three while *Rise Of The Robots*, not surprisingly with the 18-wheel hype machine in full motion, also makes its debut. And Acclaim's top beat-em-up, *Mortal Kombat* makes a phenomenal leap to the number eight spot.

CENTRE: *Cannon Fodder 2* is selling like hot cakes. What can shift it from the top of the charts?



RISE OF THE ROBOTS: After the hype and bluster comes the chart position. But will it ever be the Top 20 number one?

In the making...

FEBRUARY

High Seas Trader (Daze)
Shiver my, ahem, timbers.
King-Pin (Team17)
Beat the bowling alley blues.
Sensible Golf (Virgin)
Top-down, check-trousered extravaganza.
Skeleton Krew (Core)
Isometric shoot-em-up.
Skitchin' (Ocean)
Road Rash on roller skates.
Super Loopz (Audiogenic)
Pipemania-esque puzzledom.

MARCH

Baldy (Mindscape)
God game involving folk bereft of hair.
Chaos Engine 2 (Renegade)
Bitmapped shoot-em-up.
Cyberwar CD³² (SCI)
Virtually virtual reality 3D shoot-em-up.
Legends (Krisalis)
Zelda-esque role playing game.
Mega Race CD³² (Mindscape)
Handsome-looking racer.
Spherical Worlds (Black Legend)
Top-down view shoot-em-up.
The Big End (The Hidden)
Isometric-viewed racing game.

THIS MONTH'S FULL-PRICE TOP 20

1 (-)	Cannon Fodder 2 (Virgin)	FG90%
2 (-)	Mortal Kombat II (Acclaim)	FG92%
3 (-)	Theme Park (Electronic Arts)	FG91%
4 (-)	Premier Manager 3 (Gremlin)	85%
5 (-)	Micro Machines (Codemasters)	FG90%
6 (-)	Football Glory (Kompact)	80%
7 (-)	Winter Olympics (US Gold)	70%
8 (22)	Mortal Kombat (Virgin)	FG92%
9 (-)	Rise Of The Robots (Time Warner)	19%
10 (12)	Kick Off 3 (Anco)	79%
11 (-)	Alien Breed 2: Tower Assault (Team 17)	83%
12 (-)	On The Ball League Edition (Daze)	70%
13 (-)	PGA European Tour (Ocean)	83%
14 (11)	Skidmarks (Acid)	FG90%
15 (-)	Zeewolf (Binary Asylum)	FG90%
16 (-)	Beau Jolly Compilation (Beau Jolly)	FG90%
17 (6)	International Sensible Soccer (Renegade)	FG93%
18 (re)	Jurassic Park (Ocean)	73%
19 (re)	Civilization (Microprose)	FG92%
20 (-)	Power (US Gold)	49%

Top 10 Budget

1 (1)	Champ Man 93/94 (Domark)	65%
2 (3)	Batman Returns (Gametek)	48%
3 (9)	Monkey Island 2 (Kixx XL)	FG94%
4 (-)	Desert Strike (Hit Squad)	FG90%
5 (-)	Champ Man 94 End Of Season (Domark)	FG94%
6 (-)	Formula One Grand Prix (Powerplus)	FG93%
7 (-)	Dune II (Hit Squad)	FG91%
8 (-)	PGA Tour Golf Plus (Hit Squad)	FG93%
9 (10)	Sim City Classic (Maxis)	83%
10 (5)	Arcade Pool (Team 17)	FG94%

Top 10 A1200

1 (1)	Theme Park (Electronic Arts)	FG91%
2 (-)	Premier Manager 3 (Gremlin)	85%
3 (-)	Rise Of The Robots (Time Warner)	19%
4 (-)	Aladdin (Virgin)	FG90%
5 (-)	PGA European Tour (Ocean)	83%
6 (-)	Football Glory (Kompact)	80%
7 (-)	Sim City 2000 (Maxis)	FG90%
8 (-)	Lords Of The Realm (Daze)	80%
9 (-)	Jungle Strike (Ocean)	87%
10 (2)	UFO: Enemy Unknown (Microprose)	FG90%

Top 10 CD³²

1 (-)	Rise Of The Robots (Time Warner)	19%
2 (-)	Bump 'n' Burn (Grandslam)	Not reviewed
3 (-)	Alien Breed 2 (Team 17)	79%
4 (-)	SubWar 2050 (Microprose)	84%
5 (-)	Beneath A Steel Sky (Virgin)	86%
6 (-)	Wembley International Soccer (Audiogenic)	79%
7 (-)	Super Putty (System 3)	Not reviewed
8 (-)	PGA Tour Golf (Ocean)	Not reviewed
9 (-)	Super Stardust (Team 17)	FG90%
10 (1)	Arcade Pool (Team 17)	FG90%

FREE! FROM SILICA

- **DELIVERY** - On orders over £40.00 Next Day - Anywhere in the UK mainland
- **2 YEAR WARRANTY** (Excluding consumables)
- **PRINTER KIT** With Citizen dot matrix printers from Silica
- **WINDOWS 3.1** Free Windows 3.1 driver with Printer Kit
- **HELPLINE** Technical support during office hours



- FREE! PRINTER KIT WORTH £57.58**
- FREE PRINTER KIT INCLUDES:**
- 3 1/2" Disk with Amiga Print Manager
 - 3 1/2" Disk with Windows 3.1 Driver
 - 1.8 Metre Parallel Printer Cable
 - 200 Sheets of Continuous Paper
 - 50 Continuous Tractor Feed Address Labels
 - 50 Continuous Tractor Feed Disk Labels

AMIGA PRINT MANAGER
For faster printing from your Amiga, with clearer images and more vibrant colours. Available free of charge as part of the Silica Printer Kit.

- Improved Image Smoothing
- Image Scaling
- Gamma/Colour Correction
- Colour Separation
- Reduces/eliminates Banding

KIT VALUE £57.58 (INC. VAT)

COLOUR PORTABLE 126 CPS

- Citizen Portable Thermal Notebook Printer II
- Fast LQ Output - 126cps (12cpi)
- 18 Printer buffers fonts
- Parallel Interface
- Graphics Resolution: 360 x 360 dpi
- Epson, IBM, NEC and Citizen Emulations
- Drivers for MS Windows 3.1, MS Word and WordPerfect
- Prints on Sted Paper
- Built-in Auto Sheet Feeder - 5 Sheets
- Spot Colour & Black Ribbons Supplied
- Battery Optional (see spec)
- 2 Year Warranty

RRP £349.00

FREE RIBBON £5.00

TOTAL VALUE: £354.00

SAVING: £142.97

SILICA PRICE: £211.03

£211.03 (INC. VAT)

£249 INCLUDING VAT

FREE DELIVERY
SPECIAL OFFER!
NOTEBOOK PRINTER II BATTERY WHEN PURCHASED WITH PRINTER £20.00 (INC. VAT)
Ref: PRA 1148 - Normal price £24.99 (INC. VAT)



- 24 pin - 80 column
- 192cps Draft (12cpi) 64cps LQ (12cpi)
- 8K Printer Buffer
- 5 Fonts - 2 Scalable
- Parallel Interface
- Graphics Resolution: 360 x 360dpi
- Epson & IBM Emulation
- Autoselect Facility
- Quiet < 48dB(A)
- Built-in 50 Sheet Automatic Feeder
- "EASYSTART" S/W - Windows Driver - Amiga Driver
- Optional 128K RAM, Colour Kit, Tractor Feed
- 2 Year Warranty

FREE DELIVERY IN UK MAINLAND

FREE! PRINTER KIT WORTH £57.58 SEE LEFT

2 YEAR WARRANTY



IDEAL FOR THE FIRST-TIME USER
EASYSTART SOFTWARE

OPTIONAL COLOUR KIT
£21.28 + VAT = **£25** (INC. VAT)
PRA 1237

ABC - MONO PRINTER

RRP £189.00

PRINTER KIT £49.00

TOTAL VALUE: £238.00

SAVING: £119.70

SILICA PRICE: £118.30

£118.30 PRI 2411 + VAT =

£139 INCLUDING VAT
FREE DELIVERY

INKJET 180 CPS 80 COLUMN

- Citizen Project II Inkjet - 80 column
- 180cps Draft (10cpi)
- 120cps NLQ (10cpi)
- 50 Nozzle Head
- 50K Printer Buffer
- 3 Fonts Built-in
- 1 x IC Card Slot
- Optional HP Compatible Font Cards
- Parallel Interface
- Graphics Resolution: 300 x 300dpi
- HP Deskjet Plus (PCL3+) Emulation
- Automatic Sheet Feeder
- Includes Enhanced Windows 3.1 Driver
- Quiet - 46dB(A)
- 2 Year Warranty



PROJECT IIC COLOUR

£211.91 PRI 2097 + VAT = **£249** INCLUDING VAT
FREE DELIVERY

FREE DELIVERY IN UK MAINLAND

FREE CABLE

24PIN FAST DOT MATRIX 270 CPS 80 COLUMN

- Citizen Swift 200/200C - 24 pin - 80 column
- 270cps SD (15cpi), 216 cps Draft (12cpi), 72cps LQ (12cpi)
- 8K Printer Buffer - 40K maximum
- 7 LQ Fonts
- Parallel Interface
- Graphics Resolution: 360 x 360dpi
- Epson, IBM, NEC P20 & CEL Emulations
- Quarter Printing Facility
- Auto Set Facility Bi-directional Interface, Auto Emulation Detection
- Ultra Quiet Mode - 43dB(A)
- Colour Printing Standard
- FREE Silica Printer Kit
- 2 Year Warranty



FREE DELIVERY IN UK MAINLAND

STAR BUY

FREE! PRINTER KIT WORTH £57.58 SEE LEFT

2 YEAR WARRANTY

SWIFT 200C COLOUR

SCOOP PURCHASE!
OVER £125 OFF RRP £279.00

RRP £279.00

PRINTER KIT £49.00

TOTAL VALUE: £328.00

SAVING: £170.66

SILICA PRICE: £152.34

£152.34 PRI 2495 + VAT =

£179 INCLUDING VAT
FREE DELIVERY



THE SILICA SERVICE

Before you decide WHEN to buy, we suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon now and begin to experience the "Silica Service".



DEBENHAMS
STORES NATIONWIDE

- **ESTABLISHED 16 YEARS:** We have a proven track record in professional computer sales.
- **PART OF A 100 YEAR COMPANY:** With over 300 staff - We are solid and reliable.
- **EXPERIENCED STAFF:** All are "Customer Care" trained and at your service.
- **TECHNICAL SUPPORT HELPLINE:** FREE help and advice from a team of experts.
- **A FULL PRODUCT RANGE:** All of your computer requirements from one supplier.
- **PRICE MATCH:** We match on a "Same product - Same price" basis.
- **FREE CATALOGUES:** With special offers and product news.
- **PAYMENT:** We accept most major credit cards, cash, cheque or monthly terms (APR 29.9% - written quotes on request).
- **VOLUME DISCOUNTS AVAILABLE:** Business, Education and Government. Tel: 081-308 0888.
- **MAIL ORDER:** FREE DELIVERY in UK Mainland on orders over £40.00. Small administration charge (£2.50.00) on orders under £40.00.
- **STORES NATIONWIDE:** 22 stores including 18 in branches of Debenhams.

MAIL ORDER 081-309 1111 PLUS TECHNICAL AND HEAD OFFICE

SILICA, SILICA HOUSE, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - (Old Road)	St James Barton	0272 291021
CARDIFF	Debenhams - (The Arcade)	St David's Way	0222 341576
CHELMSFORD	Debenhams - (Old Road)	27 High Street	0245 355511
CROYDON	Debenhams - (Old Road)	11-31 North End	081-688 4455
GLASGOW	Debenhams - (Old Road)	97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (Old Road)	Millbrook	0483 301300
HARROW	Debenhams - (Old Road)	Station Road	081-427 4300
HULL	Debenhams - (Old Road)	Prospect Street	0482 25151
IPSWICH	Debenhams - (Old Road)	Westgate Street	0473 221313
LONDON	Silica	52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - (Old Road)	334 Oxford St	071-580 3090
LONDON	Harrods	Knightsbridge	071-730 1234
LUTON	Debenhams - (The Road)	Arndale Centre	0582 21201
MANCHESTER	Debenhams - (The Road)	Market Street	061-832 8666
PLYMOUTH	Debenhams - (The Road)	Royal Parade	0752 266666
ROTFORD	Debenhams - (Old Road)	Market Place	0708 766066
SHEFFIELD	Debenhams - (Old Road)	The Moor	0742 766611
SHEFFIELD	Debenhams - (The Road)	Meadowhall Ctr	0742 569779
SIDCUP	Silica	Silica House, Hatherley Rd	081-302 8811
SOUTHAMPTON	Debenhams - (The Road)	Queensway	0703 223888
SOUTHEND	Kiddies	Old Road, High Street	0702 462426
THURROCK	Debenhams - (The Road)	Lakeside Centre	0708 863587

To: Silica, AMFOR-0295-215, Silica House, Hatherley Rd, Sidcup, Kent, DA14 4DX

PLEASE SEND INFORMATION ON THE CITIZEN RANGE

Mr/Mrs/Miss/Ms: _____ Initials: _____

Surname: _____

Company (if applicable): _____

Address: _____

Postcode: _____

Tel (Home): _____

Tel (Work): _____

Which computer(s), if any, do you own? _____

MAD COW!



EXCLUSIVE
Skidmarks 2
preview and demo

**AMIGA
POWER**

**ON
SALE
NOW**

Once again it's time to check out the latest batch of new games released for the CD32. Steve Bradley takes a turn to spin the discs...

CD32 Games

ALIEN BREED II: TOWER ASSAULT

Team 17 ■ 01924 201846 ■ £29.99

Two months ago friends, we reviewed the floppy version of the latest *Alien Breed* incarnation, *Tower Assault*, recommending it with an 83% score. It returns, this time wearing the CD32 cap and priced some £10 more than its floppy pal. For the extra money, you receive, on the same CD, mind, the original *Alien Breed 2* and a seven minute 3D intro sequence which, if you can suspend belief for a brief moment, resembles the cast from *Emmerdale* remaking *Star Wars*.

If that sounds somewhat derisive, apologies, for it's most entertaining fare, in an odd sort of way. Former AF editor Marcus Dyson plays a starring role as the chap who decides whether the other chaps in the spaceships can shoot things. But, of course, you do not buy a computer game for its intro sequence, unless you bought *Microcosm*.

So, the game. It's a viewed-from-above shoot-em-up. You are in possession of a gun, and you're invited to wander corridors and shoot the inhabitants. And with over 50 levels, there is many a corridor to walk.

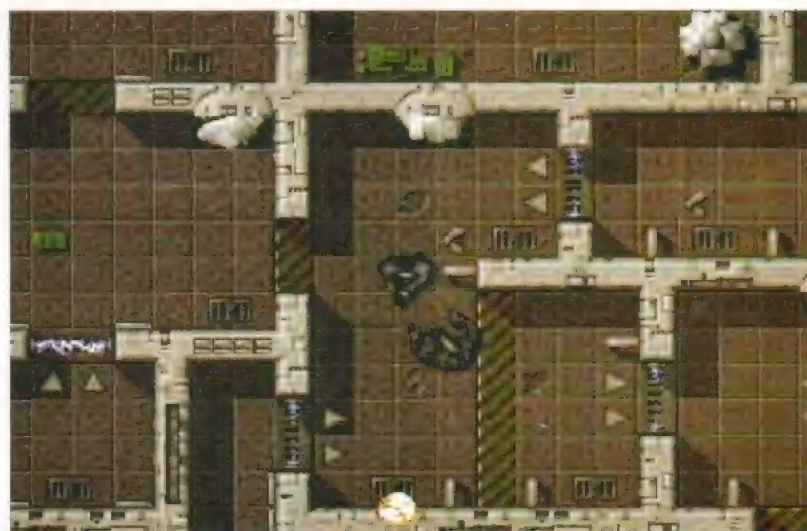
New features include dark levels where you feel your way by torchlight and a retreat facility allowing you to walk backwards and still shoot (wooooh) the fiends. *Tower Assault* is extremely difficult, particularly in one-player mode – aliens proliferate blasting you from all angles, and you kind of get the feeling that it's unfair.

Play with a friend and the difficulty level is rather less painful. Missions must be completed on every level – computer terminals contain the mission info, while maps offer limited assistance for navigation around the many rooms. But you often find yourself hopelessly lost, stumbling around searching for the exit from the level. If you're a fan of the *Breed* series, then chances are, you will enjoy *Tower Assault*. Mere mortals though, may find it frustrating. The original *Alien Breed 2* is excellent, but a bit tough to begin with, too.

80%



Did you know that one version of *Alien Breed* remained at the top of the charts for the best part of a year?



Tower Assault remains faithful to the *Alien Breed* genre, with its top-down blast-em action.

Ex AFEd Marcus Dyson offers helpful advice on when to shoot, and when not to. (The above two screenshots are from *Tower Assault*'s seven-minute intro sequence.)

Continued overleaf ➔



Super Stardust is one of the most spectacular-looking CD32 games to date, and it has the playability to match. But then, it would be some feat to make a mess of an *Asteroids* clone.

■ SUPER STARDUST

Team 17 ■ 01924 201846 ■ £29.99

So shouteth the *Super Stardust* box. "Fear is for the weak. Mercy is for the foolish. Power, strength and victory are the only words which can mean anything to you... Have you got what it takes?" Erm, can I go to the toilet, please?

You may be too young. You may be too old. But if you're the right age, then you will have played *Asteroids* in sports centres, or perhaps arcades at some point in the early Eighties. *Super Stardust* is *Asteroids*, albeit an extremely posh version but, of course, if you've played *Asteroids* then you will know that this is no bad thing. Gameplay extraordinaire, if you will. You have a ship. The ship is placed in the centre of the screen and a variety of unfriendly objects head towards you. You can shoot the unfriendly objects, and if you wish, move your ship to other areas of the screen, thus avoiding the attentions of the unfriendly objects. It's a simple idea, but by jove it's fun.

So, *Super Stardust*, are you worth purchasing, or should we just get a copy of the PD version of *Asteroids*; a version which remains faithful to the original arcade affair? Of course, computer games cannot speak for themselves, apart from *Valhalla* which might suggest that, "it doesn't fit", or "it doesn't work".

But *Super Stardust* has much to offer. For starters, it looks quite fabulous. The ray-traced alien craft are quite possibly the finest you'll ever see on the CD32 while the end-of-level tunnel sequences perfectly complement the main attraction. Yes, complete a few screen's worth of flying boulders and you get to shoot through a splendid tunnel, 'a toute vitesse' as they say abroad somewhere. And in these end-of-level delights are an unfeasible amount of objects to avoid and power-ups to collect. The whole tunnel shebang happens rather quickly so one's wits must be present.

Yes, 30 knicker for an *Asteroids* clone is a bit pricey, but this is one of the best games available for the CD32. And you get an intro sequence involving spaceships on this version too.

MARVIN'S MARVELLOUS ADVENTURE

21st Century ■ 01235 851852 ■ £29.99

There is a problem here. Marvin, the star of the show, is quite possibly the least interesting character to appear in a platform game. He's a small, blond chap who apparently delivers pizza. But enough of the plot. You can jump on things, collect other things and run along ledges. The scrolling is smooth, the backgrounds colourful but it is linear, tedious and adds absolutely nothing to the genre. Competently dull, and rather easy.



Marvin can kick things, occasionally shoot things and ride on the back of glum caterpillars.

Words of wisdom. Marvin is packed to the gills with helpful little snippets.



Premier Mail Order

Please Send Cheques/PO's (made out to Premier Mail Order) or Access/Visa/(Switch + Issue No) & Expiry Date to:

Dept: AF02 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ.

Telephone orders: 01268-271172 Fax your order on: 01268-271173 Mon-Fri 9am-7pm Sat&Sun 10am-4pm. We are open 364 days a year

P and VAT included for all UK orders. Please add per item £2 P&P for Europe and £3.50 for the rest of the world. Next day service available UK only @ £4.00 per item.

Please note: Some titles may not be released at the time of going to press. Most titles are despatched same day, but can take up to 28 days. E&OE

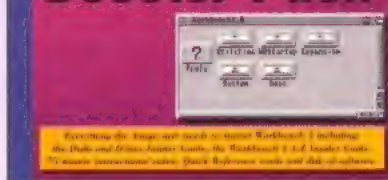
[illegible]

Kickstart your A1200

Got as far as you think you can go? Push back your boundaries with these great books from BSB!

**Turbocharge your Amiga with
the complete guide to...**

3 Workbench Booster Pack



Amiga Workbench 3 Booster Pack, £39.95, ISBN: 1-873308-41-8.

Contains the two tremendous Insider Guide books *Workbench 3 A to Z* and *Disks and Drives*, the 75 minute video *A1200 – a Deeper Look*, plus a Workbench 3 Reference Card and handy video timing guide. Suitable for A1200, A4000, and CD32 owners and for Workbench 3.1 upgraders. The perfect Christmas present for every Amiga owner who wants to get full value from their computer.

Amiga A1200 Beginners Pack, £39.95, ISBN: 1-873308-30-2

The acclaimed Amiga A1000 Beginners Pack contains the world's best-selling Amiga book, the *A1200 Insider Guide*, its follow-up *A1200 Next Steps*, *Introduction to the A1200* video and four disks of fully documented software. Get the best from your Amiga with this best-selling, great value combination.

Mastering AmigaDOS Scripts by Mark Smiddy, £19.95, ISBN: 1-873308-36-1.

Over 100 AmigaDOS script programs ready to run and fully documented. Take control of your Amiga for serious use by using AmigaDOS to its full. This is the best ever guide to writing programs with the Amiga's built-in programming language - no extra software needed. The book comes with a free scripts example disk. A great follow-up to *Mastering AmigaDOS Tutorial*.

Secrets of Frontier Elite by Tony Dillon, £9.95, ISBN: 1-873308-39-6.

This is a handbook for any budding pilot who wants to become Elite, or just incredibly rich! For Elite newcomers and aficionados it is an inspiring read full of strategy and tactics. Fully illustrated, it's written by magazine games editor Tony Dillon who has both painstakingly researched the game himself and collected all the many hints and tips which have come his way.

We've got the Amiga book for you...whether you have a brand new AGA Amiga or use AmigaDOS 1.2, we've got a book for you. Call for a free catalogue today.

Workbench 3 Booster Pack @ £39.95 (inc. VAT) plus £3 p&p

A1200 Beginners Pack @ £39.95 (inc. VAT) plus £3 p&p

Mastering AmigaDOS Scripts @ £19.95..... Amiga A1200 Next Steps @ £14.95.....

Secrets of Frontier Elite @ £9.95..... Mastering AmigaDOS3 Vol. 1 @ £21.95.....

Amiga Workbench A to Z @ £14.95 Mastering AmigaDOS3 Vol. 2 @ £21.95.....

Amiga Disks and Drives @ £14.95 ☐ Mastering Amiga AMOS @ £19.95 ☐

Assembler Insider Guide @ £14.95 Mastering Amiga ABeyx @ £21.95

Amiga A1200 Insider Guide @ £14.95  Amiga Gamers Guide @ £14.95 [illegible]

Figure 10-18

Figure 10-19

Stephen Bradley looks at the latest trio of budget games to be released. But are they just three of a kind or could they be six of the best?

Re-Releases



70%

Take over the world. Feed the people. Buy weapons. Aren't games supposed to be fun?

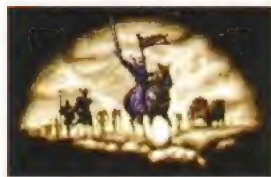
REALMS

Hit Squad 0161-832 6633
■ £12.99 ■ AF32 69%

Now some three years old, *Realms* returns on a budget outing. The box suggests that there are, "125,000 square miles of fractally-generated landscape". Well I'll go to the foot of the stairs.

Realms is a strategy game which looks a bit like a god game. Trying to rule the world can be very trying, particularly when there isn't a great deal of action to be had and the graphics are a little shabby. But try you must, in this isometric-viewed 3D affair. Financial allocation plays an important role as you attempt to keep the people fed while expanding your city and build up the arsenal.

Realms isn't bad, it's just that *Populous 2* and *Powermonger* are better.



DESERT STRIKE

Hit Squad 0161-832 6633
■ £12.99 ■ AF46 87%

The AH-64 is your craft of war; a developed tool; a coiled spring; a helicopter with guns and other things. *Desert Strike* preceded big brother *Jungle Strike* and impressive it remains. Your task – to negotiate your way through four huge missions before tackling the fearful General Kilbaba.

Despite unnecessary Gulf War overtones, *Desert Strike* is one of the best Amiga shoot-em-ups with flight-sim-elements-in-it around. Tasks include destroying radar installations, airfields and anti-aircraft missiles and tactics play no small part.

A methodical, clinical approach to the game works best. And you have to rescue your own chaps who wander across the desolate plains – they shout: "over here", just to help you out. Hover above them and into the chopper they trot, just like in real life. Look at the map to check your position, slap the space bar to change your weapon selection then fly around and shoot things showing no mercy.

The 3D isometric view works mighty fine and the graphics and

90%



DESERT STRIKE: You have to complete several tasks – like blowing up a radar station – before you can finish a mission and progress.

sound add to what is a most polished number. Despite the relatively short number of missions, the terrain differs and the tasks vary. A worthy addition to your software collection, indeed.

DUNE II – BATTLE FOR ARRAKIS

Hit Squad 0161-832 6633
■ £12.99 ■ AF50 90%

Tribes battle for the fine spice Melange in lands far away. Those that can produce the most spice will control the planet



91%

AT OPTIONS Credits



DUNE II: With roughly 10 levels for each house it pays to invest in money and arms.

Dune. But not Terry. *Dune II – Battle For Arrakis* is not an easy game to label – it has elements of the god genre while there is enough artillery to sink a large ship. A god game with guns. And spice. That's it. The idea – mine spice, get money for spice,

spend money on better mining equipment (to get more spice) and weapons, then take over the world.

If it weren't known as *Dune II* then strategy would be the name of the game. Despite the concise mission objectives (such as mine X amount, kill Terry and Dune), the means of achievement can be complex indeed.

As strategy/action games go, *Dune II – Battle For Arrakis* is atmospheric, addictive and playable. What more could one want?

HIT NAMES - HIT GAMES FOR YOUR AMIGA

DUNE II

HE WHO CONTROLS THE SPICE... CONTROLS THE UNIVERSE.

Behold the planet Arrakis, known as Dune - land of sand and home of the spice 'Melange'. The spice controls the empire - whoever controls Dune controls the spice. The Emperor has proposed a challenge - 'The House that produces the most spice will control Dune, there are no territories...and no rules of engagement.'

Vast armies have arrived. Now three Houses fight for control of Dune. Only one House will prevail. Your Battle for Arrakis begins NOW.....

"Gorgeous graphics, incredible music & sound effects... frantic and exciting."

Dune is a trademark of Dino De Laurentiis Corporation and licensed to MCA/Universal Merchandising Inc. © 1984 Dino De Laurentiis Corporation. All Rights Reserved. © Westwood Studios Inc. All Rights Reserved. Published under license from Virgin Interactive Entertainment (Europe) Ltd.

1 4 9 9

ST/AMIGA



BATTLE II

A SUCCESS SIMULATION THAT COMBINES REALISM WITH FAST ARCADE ACTION!

- * **TWIN VIEWS** - Select either **FAST-ACTION TOP-DOWN** or the realistic **GRANDSTAND VIEW**. Just hit the key and the switch is made - the game doesn't stop for a moment!
- * **TACTICS** - Select one of the many, easy set up **BUILT-IN TACTICS** options or **DESIGN YOUR OWN!**
- * **INTELLIGENT PASSING** - Choose one of three different modes for pixel-perfect passing. Build up moves quickly and fluidly.
- * **SPECTACULAR** - Large, **SUPERBLY ANIMATED** players look as if they're ready to burst out of your screen!
- * **REALISTIC** - Variable wind direction, wind speed and pitch conditions that really **INFLUENCE THE GAME-PLAY**.
- * **ACTION REPLAYS** - Select to replay in either **GRANDSTAND** or **TOP-DOWN** mode. Featuring **FULL VIDEO CONTROLS** (rewind, fast forward, freeze frame, slow motion). You can even change the camera angle during a replay to find out what was happening elsewhere on the pitch!

1 4 9 9

ST/AMIGA

EUROPEAN CHAMPIONS

COMPETE TO BECOME THE PREMIER TEAM IN EUROPE



DESERT STRIKE

Pilot your AH-64 helicopter against a ruthless tyrant. With a fiery blast from your Hydra Rockets you must annihilate the military arsenal. Take out tanks, chemical weapons plants, airplanes and SCUDs. Get debriefings and plan missions on detailed maps. Pick up fuel, manage weapon supplies and feel the power of a modern, multi-million pound attack chopper.

"It's massively addictive." "You're going to have to go out and buy this."
AMIGA POWER 92%

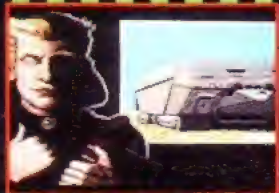
"...you'll cherish this for a long time to come." **AMIGA ACTION 90%**

"Oozes playability - Desert Strike's as compulsive as they come."
AMIGA FORMAT 94%

1 4 9 9

ST/AMIGA

Desert Strike™ is a trademark of Electronic Arts. © 1992, 1994 Electronic Arts. All Rights Reserved. Electronic Arts is a trademark of Electronic Arts Limited. Published under license.



DUNE II



EUROPEAN CHAMPIONS



DESERT STRIKE



HIT SQUAD
2 CASTLE STREET · CASTLEFIELD
MANCHESTER · M3 4LZ
TELEPHONE: 061 832 6633
FAX: 061 834 0650

GASTEINER

126 Fore Street, Upper Edmonton, London N18 2AX

Tel: 0181-345 6000 Fax: 0181-345 6868

RAM FOR GVP A1230

1Mb	£70.50
4Mb	£194.00

ACCELERATORS

Viper 68030 for A1200	
Viper Turbo	£159
Viper + 1Mb	£179
Viper + 2Mb	£217
Viper + 4Mb	£276
Viper + 8Mb	£376
GVP A1230 II for A1200	
40 MHz	£235
1Mb	£270
4Mb	£294
8Mb	P.O.A
G-force 040 for A3000/A4000	
40 MHz 4Mb RAM	£1351
G-force for A1500 - A2000	
030 40MHz	£676
030 33MHz	£964
EGS Spectrum	£376

ROMBO PRODUCTS

Vidi 12RT	£116
Vidi 24RT	£187

SCSI 2 CONTROLLER

Oktagon 2008 SCSI 2 for A1500 - A4000 Controller	
Oktagon 2008	£128
170Mb + 2008	£287
270Mb + 2008	£329
340Mb + 2008	£353
540Mb + 2008	£411
1 Gig + 2008	£588
CDROM + 2008	£279

MICE AND TRACKBALLS

Trackball Alfa Data	£29
Trackball with light	£34
Alfa Data Optical Mouse	£29
Alfa Data Pen Mouse	£34
290 DPI Mouse	£8
400 DPI Mouse	£14
Mouse/Joystick Switch	£14

MODEMS

Supra 288	£242
Supra 144 LC	£148
US Robotics	
Sportster 2496 + Fax	£108
Sportster 14400 + Fax	£159
Worldport 14400 + Fax	£259
Courier V32 Turbo + Fax	£239

ACCESSORIES

Printer Cable	£6
Modem/Null	£11
Scart Cable	£11
A1200 Clock	£14
Dust Covers	£3

DISKS HD or DD

100% Error Free Bulk Disks		
	DD	HD
10	£4.00	£7.00
50	£19.00	£32.00
100	£37.00	£59.00
500	£176.00	£264.00
1000	£317.00	£470.00

PRINTER

CITIZEN

ABC Col	£148
200 Col	£189
240 Col	£219

HEWLETT PACKARD

310	£228
320	£259
520	£248
500 Col	£294
560 Col	£447

SCANNERS

Alfa Data 256 with OCR	£147
Minimum 2Mb RAM + Hard Drive	
Alfa Data New 800 DPI	£117.50
Power V4 mono	£117.50
Alfa Data Col	£317.00
Epson GI 6500	£646.00
Epson GT 8000	£705.00
Epson GT 9500	£881.00
Image FX	£116.00

SPECIAL OFFER

HARD DRIVE FOR A500 A500+

420 Mb	£235
540 Mb	£294

POWER SUPPLY

A500, A500+	£33
A600, A1200	£33
A1500, A2000	£82

3.5" DRIVES EXT

Amitec 3.5"	£59
Power 3.5"	£59
Power 1.76Mb	£59

3.5" DRIVES INTERNAL REPLACEMENT

A500, A500 + internal	£43
A600, A1200	£43
A2000	£43

WARP ENGINE FOR A4000 ONLY

28MHz	£764
40MHz	£1175

GIGAMEN DISK EXPANDER

Disk Expander	£29
Gigamen	£46

COMPUTERS

A1200	£278
A1200 Combat Pack	£324

HARD DRIVE A1200 + A600

40Mb	£88.00
65Mb	£134.00
85Mb	£117.50
120Mb	£153.00
240Mb	£259.00
2.5" Hard Drive including cable & software	

MONITORS

Microvitec 1438	£288
Philips 8833 II	£239
Microvitec 1440	£398

AMIGA A4000

A4000/30	£POA
A4000/40	£POA
A4000/40LC	£POA

CD ROM DRIVES

For A2000 - A4000	
Tandon IDE CD-ROM controller	£65
Mitsumi Dual Speed CD-ROM	£116
For A1200 - A600	
CD-1200 controller	£65
Case with PSU	£99
Mitsumi Dual Speed	£116
A1200 Overdrive CD-ROM	£194
SCSI CDROM for A2000/A4000	£279

RAM! RAM! A500, A600, A500+

A500 1/2Mb	£15
A500+ 1Mb	£21
A500 1/2Mb with clock	£21
A600 1Mb	£21
A600 1Mb with clock	£34

LOW COST A1200 RAM 32 BIT RAM WITH CLOCK

1Mb	£79
2Mb	£100
4Mb	£168
8Mb	£298
Co-Pro for the above	
25MHz	£35
33MHz	£68
40MHz	£128
50MHz	£148

A4000 RAM

1Mb 32 bit	£29
2Mb 32 bit	£69
4Mb 32 bit	£128

RAM FOR GVP 30PIN

1Mb	£29
4Mb	£128

How to Order

When ordering by telephone please quote your credit card number followed by the expiry date and also your full name and address. If paying by cheque please make it payable to Gasteiner Technology. In any correspondence please quote a phone number and also a postal code. Please allow five working days for cheque clearance.

Delivery Charges

Prices include VAT. Small consumables and software items under the value of £59 please add £3.50 P&P. Other items except lasers, next day courier service £10 per box. Offshore and Highlands, please call for a quotation. In addition we offer the following express services: Saturday Delivery normal rate plus £15 per box, Morning, next day normal rate plus £10 per box. E & EO
Prices subject to change without prior notice. All trademarks acknowledged.

SEND IT IN

If you have a hint, tip or cheat to share with other Amiga gamers, write to: Steve Bradley, GameBusters, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW. Or better still, send it on disk.

Once again, *Amiga Format* readers have sent us sackloads of gaming hints and tips. Steve Bradley sorts through the latest batch and adds a few of his own.

GameBusters

PREMIER MANAGER 3

AF66 85%

Gremlin (0114 275 3423)

Trouble at Town? All is not United? Have the Rovers disappeared? Not feeling Athletic? Does Wednesday feel like a Monday morning? Never fear. Help is at hand.

1. Start off with Halifax Town – they have the best strikers, so you should score more goals.
2. It's best to always play your best striker in the number nine shirt. It gives you the MSO or Maximum Scoring Opportunity.
3. Ensure defenders are on Long Shooting – they never score anyway.
4. Put your midfielders to Long Shooting, too.
5. Strikers are best on Medium Shooting, except the chap in the number nine shirt who should capitalise in the six yard box – put him on Short.
6. Don't sell youth team players – you may have a Noel Whelan in the ranks. Or perhaps a Ryan Giggs. Youth teams improve pretty quickly and help keep the age of the team low.
7. Ensure that all your squad, including the youth team players have got at least four matches under their belt by the season's close. Their statistics are more liable to improve in the ensuing break.



If, like us, you have struggled through a few seasons in the Conference without looking even vaguely like getting promoted, follow Gremlin's handy hints and you could have a winning team.

8. Set the defence's passing to about 70%. You don't want them dribbling up the field like a posh Italian side.
9. Set the midfielders' passing to about 60%.
10. And why not put the attackers' running to 75% with Short Passing.
11. Get the best staff available. They're better than the worst.
12. Try buying players over the phone – you can find out-of-contract players who are generally cheaper.
13. Fit players should always be in training. Ensure they are not drinking vast quantities of lager or coke.
14. If you can (and you really try), make sure the players' moral is at least seven. Bonuses are good –

Continued overleaf →



RUFF 'N' TUMBLE

Reviewed AF64 87%

Renegade (0171 481 9214)

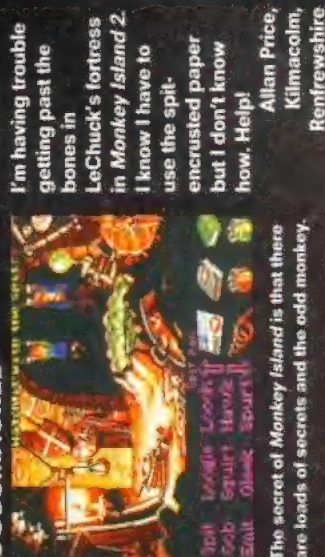
Renegade's classy platformer *Ruff 'n' Tumble* is darned hard. So here are a few codes to help you out:
Level Two – 6581; Level Three – 3178; Level Four – 8392.

Stewart Hayden,
Hornchurch, Essex

HELPING HAND

Are you frustrated? Don't get your joypad in a twist. Steve Bradley offers the soothing hand of friendship and solves all your gaming problems.

GOBSMACKED



The spit-encrusted paper holds the words to the song from the dream sequence. Get some paper and write down the first three bodily parts of each verse in the given order (such as Verse 1 = Head, Hip, Leg). Go back the way you came; if you pass a wall with the body bits in the order of Verse 1 (such as Head, Hip, Leg), push it and walk through the gap. It may take some time to find a matching one but persevere.

LECHUCKING OUT TIME



I have reached Dinky Island in Monkey Island 2 and I'm being pursued by LeChuck. I can't get away and I've been stuck for hours.
Phil Taylor, Suffolk

Pull the coin return on the grog machine and a coin will fall on the floor. When LeChuck comes in pick up the coin and then try to pick up LeChuck – you will rip off his underwear (one from the thread). Give him the handkerchief and he will blow his nose (one from the body). After he zaps you, go to the service elevator and get in. The helium-filled things in your inventory will make you lighter. Wait until LeChuck arrives before pulling the lever; the doors will close and trap a bit of his beard. When the lift stops, make sure you pick up the beard and then exit the lift. Put the other three relevant bits in the bag, then Guybrush will make a voodoo doll of LeChuck.

Continued overleaf →



ZEEWOLF

Jon Smith of Radstock, Somerset imparts some words of wisdom on our fabulous *Zeewolf* Coverdisk (AF66). When the game is loaded, choose the joystick as preferred control method but keep your mouse plugged in. If you ever need a quick burst of speed, bash the mouse button and off you go.

And there's more. As luck would have it, there is a tank placed on one of the islands. Hover over the little feller and press the H key. You can now pick up the tank and drop it in one of the danger zones and it will blast the enemy while you take the money and run.

And Binary Asylum supremo, Bob Wade, suggests that if you type FRAMPAGE, you can then fly the Kestrel – that's the little aeroplane. Oh, and if you're using mouse control, here's a handy hint for landing. Before touch down, switch to joypad control – this allows you to fly earthward at any angle, yet land smoothly.



The most difficult football management game ever? Certainly, it would seem so. Thankfully, Gremlin Interactive have sent us a few handy hints to enable a league-rising scenario.

← footie players love money more than the game.

Apart from Gordon Strachan.

15. Use the Player Loan facility as often as possible. You can abuse on-loan players till the cows come, erm, off the field. Also, reserve players in higher divisions may be better than your star players.

16. The better the gym is, the better the coaches perform.

17. The following list (split into divisions) is what you should aim for to allow you to maximise your revenue and support, while minimising fines and penalties.

Conference

Ground safety = 2 stars
Ground facility = Basic
Gym = None
Ground rating = 40%
League seat price = £5
League terrace price = £3
Cup seat = £8
Cup terrace = £5
Overdraft/loan = £250,000/£50,000

Division Three

Ground safety = 2 stars
Ground facility = Average
Gym = Basic
Ground rating = 50%
League seat price = £8
League terrace price = £5
Cup seat = £12
Cup terrace = £8
Overdraft/loan = £750,000/£100,000

Division Two

Ground safety = 3 stars
Ground facility = Good
Gym = Basic
Ground rating = 60%
League seat price = £12
League terrace price = £6
Cup seat = £18
Cup terrace = £9
Overdraft/loan = £2,000,000/£200,000

Division One

Ground safety = 4 stars
Ground facility = Excellent
Gym = Average



West Riding glamour club, Halifax Town are the finest team in the Vauxhall Conference.

Ground rating = 70%
League seat price = £14
League terrace price = £8
Cup seat = £21
Cup terrace = £12
Overdraft/loan = £5,000,000/£500,000

Premiership

Ground safety = 4 stars
Ground facility = Excellent
Gym = Average
Ground rating = 80%
League seat price = £16
Cup seat = £24
Overdraft/loan = £8,000,000/£750,000

And finally, here's a couple of telephone numbers.

400040 – Gives players a higher fitness rate and better moral. They will also be two-footed (you know what we mean), so the folk you couldn't sell before are a much more attractive proposition. And there's more. The directors' debt is cleared so you can re-apply and the 'votes of confidence' are wiped. It also helps with insurance. Good number, eh?

343343 – This gives you extra money. Don't use any cheats from *Premier Manager 2* because you may crash the game.

← Go back down in the lift, use the lever again and exit. Wait for LeChuck to arrive and then use the hypodermic needle on the new voodoo doll.
And the rest is up to you.

THAT SINKING FEELING

In *Operation Stealth*, we've reached the part where you can open the last door on floor three in the hotel. When you go in through the door, a girl points a gun at you, then two guards and a man identical to yourself comes in. You're taken out to sea, tied up and then thrown overboard. Now what do we do?

Terry, Stoke-on-Trent

You should have bought a bracelet in the hotel with your coins. When you are on the boat, operate the bracelet and wait until you're thrown overboard. Once you hit the bottom, operate the bracelet and wait for the girl to hit the seabed. When she does, operate her (ooh missus!) and swim to the surface to be rescued.

ACROSS THE UNIVERSE

I'm having trouble on *Universe* because I can't find the PTV. I need it because it's got a six-number code which turns off the anti-theft device in the car. Help.
Christopher Ritchie, Arbroath, Scotland

Core's adventure hit shares its name with one of The Beatles' worst tunes.

Once you're on Gavric, walk to the northwest side of the screen and you'll find yourself in a square. Wait until the robot is off-screen then throw the mirror at the door with the lasers. The non-human occupant will tell you to see Silphinaa – use the panel by the top door and enter. Your conversation will be brief so attack the keypad on the right-hand side door with the metal bar and proceed upstairs. Open the wardrobe and wear the suit. Use the computer on the console above the bed, then use the console and open the shutter. Now jump out of the window and you will find the PTV. Hurrah. Grateful thanks to Anthony Kirvell for the info.

LEND A HAND

If you're having trouble with a particular game or have a solution to a letter printed in the magazine, don't keep it to yourself, write it down or send it in on disk and we'll try our best to print it.

Send it to: **HELPING HAND**, Amiga Format, 30 Monmouth Street, Bath, Avon BA12 2BW.

SALES HOTLINE
01322-272908



€49.99



**FOR
ALL AMIGAS**

CODE
W302



**ULTRA SMOOTH QUALITY
OPTICAL MECHANISM
NO BALL TO CLEAN/REPLACE
MICRO-SWITCHED BUTTONS
GRID MOUSE MAT INCLUDED
AMIGA/ST SWITCHABLE**

£2.99



£39.99

2 YEAR
WARRANT

VERSION 2.0 **£189.99**

If your not 100% satisfied with your purchase, you can return the product within 28 days of receipt for a refund

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS

GROUND ZERO SOFTWARE

GAMES

G453 CHARR v1.0 - The best 1 to 8 player artillery game around.

G454 TEMPORAL MISPLACEMENT - Graphic text adventure set in the future and an imaginative time travelling theme.

G443-G444 (2 DISKS) CHANEQUE - You must guide three characters through a series of Lemming like levels. Each character has two special abilities which you must use to complete the game. Very good. **NOT WB 1.3**

G445 PACMAN 3D - Based on the Spectrum version. The virtual Pacman experience. Shareware.

G446 PUZZLE PITTS 2 - 30 Sokoban puzzle game with a real neat story line. **NOT WB 1.3**

G447 XENEX - 1 or 2 player Asteroids game with more variety and extra features than the original.

G448 PUCMAN WORLDS - Pacman game made up of themed levels and a larger than normal play area. **NOT WB 1.3**

G449 RANMA 1/2 CARDSSET - Manga style cards for Klondike Deluxe III.

G450 SAILOR MOON CARDSSET - Manga style cards for Klondike Deluxe III.

G451 GLADIATOR - Dungeons & Dragons combat game set in an gladiators arena. **NOT WB 1.3**

G452 DERRING DO - Updated Mr Do clone.

G394 SUPER BATTLE ZONE - Clone of the classic 3D Battle Zone arcade game of the 80's.

G396 PENGU 2 - Zip your Penguin buddy through the ice cave mazes squashing the baddies. Great fun.

G397-G398 (2 DISKS) INTERNATIONAL WRESTLING CHAMPIONSHIP - Fantastic wrestling game for one or two players. Slams, punches, shoulder busters, elbows, jump's off the ring post and loads of other bone crunching moves.

G399 DYNAMITE WARRIORS 2 - Incredible Dynablasters clone. 1 to 4 player addictive arcade action. Not to be missed.

G400-G405 (6 DISKS) THE ART OF BREAKING HEADS - Massive beat-em-up with a choice of different characters with different abilities and special moves. One amazing game. **WB 3.0+ ONLY. REQUIRES AT LEAST ONE MEG OF EXTRA FAST RAM TO RUN PROPERLY.**

G406 COLONIAL CONQUEST II - Takes elements from Micropolis and implements them into this interplanetary strategy game of evolution and survival. **NOT WB 1.3. REQUIRES 2 MEG.**

G408 TEAM TETRIS - New Tetris variation that is played by two players at the same time. Requires cooperation between players.

G409 AMBASSADOR FRUIT MACHINE V2.0 - Superb fruit machine game with all the bells and whistles you'll see in a modern day arcade. **WB 3.0 ONLY.**

G410-G411 (2 DISKS) MISSILES OVER XERION - Remember the classic game Missile Command. This is a complete overhaul of the original concept with new super cool graphics, power ups and amazing game play.

G412 SWIMSUIT CARDS - Cards for Klondike Deluxe II and III.

G413 STAR WARS CARDS - Cards for Klondike Deluxe II & III.

G414 EMPIRE STRIKES BACK CARDS - Cards for Klondike Deluxe II and III.

G415 RETURN OF THE JEDI CARDS - Cards for Klondike Deluxe II & III.

G417 FAST CARDS CARDS - Cards for Klondike Deluxe II & III.

G300 VCHESSE v3.1 - One of the strongest computer Chess games around, with more extra features than most commercial ones. **NOT WB 1.3.**

G419-G420 (2 DISKS) STARWOIDS - Inspired by the game Thrust and the Star Wars film trilogy, this is a real hot looking shareware game. Recently reviewed (and highly rated) in AF. **WB 3.0+ ONLY.**

G421 TOP HAT WILLY - Remember Jet Set Willy on the old 8 bit computers, well this platform game is based on that classic.

G322 AUTO MOBILES V1.11 - Skid Marks type racing game. More tracks, improved car control and loads of other improvements.

G366 ELLE McPHERSON CARDSSET - Cards for Klondike Deluxe.

G371 SUPER OBLITERATION - Amazing Pang clone. Top game. Recently reviewed in Amiga Format.

G361-G364 (4 DISKS) SPECTRUM GAMES 1-4 - Games for the Spectrum emulator.

G373-G378 (6 DISKS) SPECTRUM GAMES 5-10 - More game for the Spectrum emulator.

G280-G285 (6 DISKS) KLONDIKE DELUXE AGA - Card game in 256 colours. Superb. Look out for the great cards. **WB 3.0+ ONLY.**

G442 TMA - Linear Sci Fi space puzzle shoot-em-up (what a mouthful). Very good. **NOT WB 1.3.**

G387 MONOPOLY v1.1 - Great computer conversion.

G383 ROCKETZ - 1 or 2 player split screen Trust spin off. Utilises raytraced graphics for the ships. Wow. **WB 3.0+ ONLY.**

G455 POWER BATTLE - Thrust type blasting game.

G456-G457 (3 DISKS) DEAD OF THE NIGHT - Point and click adventure game. Superb.

G459 SOLO ASSAULT - Something like Wing Commander.

G460 OBSTACLES - Silly Putty type of platform game.

G461 ULTIMATE QUIZ 2 - Pub quiz game.

G462 BAZZA & RUNT AGA - Top platform game. **WB 3.0+ ONLY.**

G463-G464 (2 DISKS) JINX - Original puzzle game. **WB 3.0+ ONLY.**

ALL TITLES ARE COMPATIBLE WITH ALL AMIGA'S UNLESS STATED OTHERWISE

NOT WB 1.3 - Not compatible with A500's with Kickstart 1.3.
WB 3.0+ - Only compatible with AGA amiga's with kickstart 3.0 or above.

UTILITIES

U512 AF COPY v4 - Directory Cpus type file manager with configurational buttons. **NOT WB 1.3**

U513 256 COLOUR ICONS - Give your Workbench an extra touch or class with these superb 256 colour icons. **WB 3.0+ ONLY.**

U514 IMAGINE 3.0 TEXTURES GUIDE - For Imagine 3.0 only.

U515 MUI v2.2 - Due to popular demand, Multi User Interface. **NOT WB 1.3**

U516-U517 (2 DISKS) PAGESTREAM v3C PATCH - Upgrades the earlier bug ridden version of Pagestream 3.

U518 VIRTUAL MEMORY MANAGER V2.1 - Turns your hard drive into virtual memory which will increase your overall computer memory. Requires a 68040 or 68030 CPU with MMU. **NOT WB 1.3**

U519-U520 (2 DISKS) MAGIC WORKBENCH ICONS 3 - For Amiga users aspiring for that Workbench beautiful look. **NOT WB 1.3**

U521 VIDEOTRACKER 2 AGA - Create amazing looking AGA demos with no coding experience. **WB 3.0+ ONLY.**

U522 VIDEOTRACKER 2 OCS - Videotracker for non AGA amiga's. **NOT WB 1.3**

U523-U526 (4 DISKS) VIDEO TRACKER EXTRAS - Four disks full of extra effect routines and objects, etc.

U527 FONT FARM 9 - Masses of Bitmap fonts for use with Deluxe Paint, Workbench, etc.

U528 FONT FARM 10 - More lovely bitmap fonts.

U529 HARD DRIVE GAME INSTALLERS - Games installers for Alien Breed AGA, Assassin SE, Body Blows, Body Blows 2 ECS, Goal, Ishar 3, Ruff and Tumble, Super Stardust, Super Frog, Cool 2 ECS, Walker, Alien Breed 2 Tower Assault, Bubble & Squeak, Mortal Kombat II, Jungle Strike. **NOT WB 1.3**

U531 ACTION REPLAY PRO - Shareware action replay slip database. Limited shareware version. **NOT WB 1.3**

U530 AUTO STEREOGRAM V2.0 - Generates those amazing 3D random dot stereogram pictures. **NOT WB 1.3**

U531 ACTION REPLAY PRO - Software Action Replay. Rip graphs, music, train games etc. **WB 3.0+ ONLY.**

U532 MORE 256 COLOUR ICONS - Loads more great icons plus an AGA icon editor. **WB 3.0+ ONLY.**

U533 ACCOUNT MASTER v3c - Shareware personal accounts manager. Very professional with many features. Limited Shareware release. **NOT WB 1.3**

U451 SPECTRUM EMULATOR v2.0 - New version of the Spectrum emulator. Includes some games.

U434 VIRUS WORKSHOP v4.5 - Just out. Powerful multi-function virus checker and killer. **NOT WB 1.3**

U486 DISK MAG CREATOR v1.21 - Produce your own disk magazines with ease.

U443 AMIGA DOS GUIDE v1.0 - Provides useful help on what the DOS commands are and what they do. Plus many of the common DOS error codes explained in English, etc.

U437 AMOS EXTENSIONS - Seven great Amos/Amiga Pro extensions adding more commands to both languages.

U449 XCAM SPECTRUM EMULATOR AGA v1.3 - Optimised Speccy emulator to run games as fast as possible. Includes games. **WB 3.0+ ONLY.**

U581 MSDOS FOR AMIGADOS v2.3 - Adds MSDOS commands to AmigaDOS. For users torn between two computers. Hard drive only. Supports CrossDOS. **NOT WB 1.3**

U342 SUPERLEAGUE 3.51 - Football league database and statistics analyzer.

U368 TIRONI CAD - Schematic designing software.

U527 DISKALV 2 - Recovers corrupted data with various powerful procedures. Essential tool to have handy. **NOT WB 1.3**

U423 X BEAT PRO - Drum kit music package.

U415 FORCASTER v2.0b - Horse racing predictor. **NOT WB 1.3**

U412 V MORPH v2.30 - For morphing pictures.

U518 NO ERRORS - Formats disks hiding, any fatal hard errors. Useful for hard drives with faulty tracks.

U582-U583 (2 DISKS) EAGLE PLAYER v1.531 - Powerful music module player. Supports just about every Amiga format known. Hard drive only. **NOT WB 1.3**

U328 EPU STAKKER - Compressor that hides in the background of your Workbench. Can compress data up to 50%, doubling the capacity of your hard drive. **NOT WB 1.3**

U281 D-COPY 3.1 - Disk copier. A bit like X-Copy.

U591 AMIGA FAX 1.40 - Latest shareware version of this excellent fax software for fax modems. Hard drive installation only.

U592 REN24 1.5a - Powerful image conversion programme. The more memory the better. **NOT WB 1.3**

U580 LOTTERY WINNER - Take the decision out of selecting your National Lottery numbers, and use this programme instead. Shareware. **WB 3.0+ ONLY.**

U596 MULTI-PREDICTOR DEMO - The gamblers ultimate companion for the lottery, horse racing, the pools and others.

U325 OCTAMED v2.00 - The most powerful music composition software available from the Public Domain.

U314 OCTAMED TUTOR - An instruction and tutorial guide to using Octamed.

U304 TEXT ENGINE v4.1 - Powerful shareware word processor with spell checker.

U382 PRINTER DRIVER KIT - 111 different printer drivers. Phone us to find out if your printer is supported.

U311 EASY CALC PLUS - Shareware spreadsheet sheet. **NOT WB 1.3**

U324 J-C GRAPH - Graph creator.

U20 D COPY 3.1 - Disk duplication software.

U283 LOCK PICK V2 - Removes protection from loads of games.

U447 ULTIMATE DEGRADERS - All the best AGA computer degraders to get those old subnorm programmes running. **WB 3.0+ ONLY.**

U345 REORG V3.11 - Floppy and hard drive optimiser. Rearranges data for faster access. **NOT WB 1.3**

CHOOSE ONE FREE EXTRA PD DISK FOR EVERY 10 PD DISKS PURCHASED

OFFER ONLY APPLIES TO PUBLIC DOMAIN DISKS AT £1.00 PER DISK.

DEMOS

D228 BEAUTY PACK 1 - Collection of the best intro's around. Intro's are mini demos.

D229 BEAUTY PACK 2 - More great intro's for demo collectors.

D230 BEAUTY PACK 3 - Another well presented pack of intro's.

D231 BEAUTY PACK 4 - The last in the series of intro's from the top euro coding groups.

D232 BAD ZOOM - Rubbish visuals but funky music track. I like it!

D233 TRACKERS 242 - Great follow up to the original ground breaker. If you only have 2 meg, disable all external drives (inc HD's). **WB 3.0+ ONLY.**

D234 VITAL - From up and coming coding group, Mystic. **WB 3.0+ ONLY.**

D235-D237 (3 DISKS) MAXIMUM OVERDRIVE II - One impressive RAGE production. If you remember Maximum Overdrive you'll have an idea of what to expect. This is 100 times better. **WB 3.0+ ONLY.**

D236 BAZZA & RUNT - A must get demo. Real cool. **WB 3.0+ ONLY.**

D239 BALLABORINTRO - Wicked rave demo. **WB 3.0+ ONLY.**

D240-D241 (2 DISKS) ARTIFICE - From the veteran coders, TRS1. Surprisingly their first AGA demo. Wow. **WB 3.0+ ONLY.**

D242-D243 (2 DISKS) INFECT - Works best with some extra fast memory added. Get ready to be impressed. **WB 3.0+ ONLY.**

D216 SWAMP THING - Mix of the chart single. **WB 3.0+ ONLY.**

D217 POLKA BROTHERS 'CEVALIA' - Great new demo.

D219-D220 (2 DISKS) ARTIFICIAL PARADISE - More spectacular effects. **WB 3.0+ ONLY.**

D221-D222 (2 DISKS) LETHAL DOSE 2 - Don't miss this amazing demo. **WB 3.0+ ONLY.**

D223-D224 (2 DISKS) SWITCHBACK - From Rebels. Some amazing routines, especially the roller coaster. **WB 3.0+ ONLY.**

D226 GIMME ALCOHOL - What we call in the trade a dintro, a demo intro combination. **WB 3.0+ ONLY.**

D227 JAMMIN - Good use of the AGA in producing colourful pattern effects. **WB 3.0+ ONLY.**

D188-D189 (2 DISKS) DINK SENLUALITY - Still popular. **WB 3.0+ ONLY.**

D174-D175 (2 DISKS) NINE FINGERS - Spaceball's ground breaking demo.

M159 VENTILLATOR - Rave till it drops. **WB 3.0+ ONLY.**

M160 MUSIC MAYHEM - Funk, rave, reggae and others.

M157 M158 (2 DISKS) STAR TREK THEMES - Theme music to the Star Trek and The Next Generation. For trek fans.

D244-D245 (2 DISKS) MY MAMMA IS A VAMPIRE - Weird title, but some original demo routines. **WB 3.0+ ONLY.**

SLIDESHOWS

S158-S159 (3 DISKS) BODY SHOP 8 - Glamour slideshow. **WB 3.0+ ONLY.**

S159-S161 (3 DISKS) CLAUDIA SCHIFFER 94 - Glamour slideshow. **WB 3.0+ ONLY.**

S137-S139 (3 DISKS) GIRLS GIRLS GIRLS - Glamour slideshow. **WB 3.0+ ONLY.**

S140-S142 (3 DISKS) CLAUDIA SCHIFFER SLIDESHOW, THE WORKS - The super model. **WB 3.0+ ONLY.**

S143-S145 (3 DISKS) ELLE McPHERSON SLIDESHOW, THE WORKS - Another super model. **WB 3.0+ ONLY.**

S146-S148 (3 DISKS) CINDY CRAWFORD SLIDESHOW, THE WORKS - Richard Gere's missus. **WB 3.0+ ONLY.**

S149-S150 (2 DISKS) FANATICS GUIDE TO COMPUTERS - Comic slides showing you what happens when obsessive users go that little bit too far. Very funny.

S151 LINGERIE 1 - Models in lingerie. **WB 3.0+ ONLY.**

S152 LINGERIE 2 - More of the same. **WB 3.0+ ONLY.**

S153 LINGERIE 3 - More of the same. **WB 3.0+ ONLY.**

S154 LINGERIE 4 - More of the same. **WB 3.0+ ONLY.**

S155 LINGERIE 5 - More of the same. **WB 3.0+ ONLY.**

S134-S136 NLP RENDERSHOW - Captivating raytraced Sci Fi pictures. Reviewed in last months Amiga Format.

WB 3.0+ ONLY.

S121 BEACH BABES 1 - Swim suits and bikinis. **WB 3.0+ ONLY.**

S122 BEACH BABES 2 - More of the same. **WB 3.0+ ONLY.**

S123 BEACH BABES 3 - More of the same. **WB 3.0+ ONLY.**

S124 BEACH BABES 4 - More of the same. **WB 3.0+ ONLY.**

S125 BEACH BABES 5 - More of the same. **WB 3.0+ ONLY.**

S119 ERIKA ELENIAK - Ex - Bay Watch beauty. **WB 3.0+ ONLY.**

S120 UNPLEASANT ANT - Ws to Die - Unexpected ways to top yourself. Sick and funny.

SOUND SAMPLES

U599 BREAKING - Smashing and breaking sounds.

U600 HUMAN - Voices, raps, shouts etc.

U601 EFFECTS - Many different types of sound effects.

U602 EFFECTS 2 - More in the series.

U603 EFFECTS 3 - More in the series.

U604 EFFECTS 4 - More in the series.

U605 EFFECTS 5 - More in the series.

U606 KEYBOARDS - From Mini Moog to Wavestation.

U607 KEYBOARDS 2 - More in the series.

U608 KEYBOARDS 3 - More in the series.

U609 KEYBOARDS 4 - More in the series.

U610 KEYBOARDS 5 - More in the series.

U611 KEYBOARDS 6 - More in the series.

U612 LOOPS - Drum loops, etc.

U613 LOOPS 2 - More in the series.

U614 LOOPS 3 - More in the series.

U615 LOOPS 4 - More in the series.

U616 STRINGS - Stringed instrument samples.

U617 STRINGS 2 - More in the series.

U618 STRINGS 3 - More in the series.

U619 STRINGS 4 - More in the series.

U620 PERCUSSION - Hi-hats, Cymbals, etc.

U621 PERCUSSION 2 - More in the series.

U622 PERCUSSION 3 - More in the series.

U623 PERCUSSION 4 - More in the series.

U624 PIANOS

U625 PIANOS 2 - More in the series.

U626 SYNTHS - Analogue sounds, Keyboard bleeps, etc.

U627 SYNTHS 2 - More in the series.

U628 SYNTHS 3 - More in the series.

U629 SYNTHS 4 - More in the series.

U630 SYNTHS 5 - More in the series.

U631 SYNTHS 6 - More in the series.

U632 SYNTHS 7 - More in the series.

U633 SYNTHS 8 - More in the series.

U634 SYNTHS 9 - More in the series.

U635 VOCALS, VOICES & PEOPLE

U636 VOCALS, VOICES & PEOPLE 2 - More in the series.

U637 VOCALS, VOICES & PEOPLE 3 - More in the series.

U638 VOCALS, VOICES & PEOPLE 4 - More in the series.

U639 VOCALS, VOICES & PEOPLE 5 - More in the series.

U640 VOCALS, VOICES & PEOPLE 6 - More in the series.

U441 ALARMS & WARNING SOUNDS

U442 BASS

U443 BASS 2 - More in the series.

U444 DRUMS & SNARES

POST YOUR ORDERS TO:

**GROUND ZERO SOFTWARE (AF68)
4 CHANDOS ROAD
REDLAND
BRISTOL, BS6 6PE
ENGLAND**

**TELEPHONE: 0272 741462
(9am-6.00pm MONDAY TO FRIDAY)**

To order Public Domain software, simply send your name, address (WRITTEN CLEARLY) and your order details. Eg. Disks code numbers and title names. Remember that prices are per disk and not per title. Take particular notice with multiple disk titles. UK Postage and packing at 75p covers any order size. For detailed programme descriptions on these and thousands of more PD titles, check out our catalogue disks.

SORRY WE DO NOT ACCEPT CREDIT CARD ORDERS.

PUBLIC DOMAIN PRICE LIST

PRICE PER PD DISK £1.00

CATALOGUE DISK VOL.1 ... £0.75

CATALOGUE DISK VOL.2 ... £0.75

POSTAGE & PACKING £0.75

Overseas orders. Use the above prices, then add 20% of that total, to cover the extra postage costs. Thank you.

PLEASE MAKE ALL CHEQUES/POSTAL ORDERS IN STERLING PAYABLE TO GROUND ZERO SOFTWARE

MISCELLANEOUS

T76 THE CHARTS ISSUE #13 - The demo charts and general disk magazine with many articles. Very well presented.

T77-T78 (2 DISKS) MOVIE GUIDE (1994) V2.04 - Massive database on movies for film buffs. Hard drive installation only. **NOT WB 1.3.**

T79-T80 (2 DISKS) CHEAT LISTER v3.05 - The largest compilation of game cheats and tips you'll probably ever find. 800 games covered. **NOT WB 1.3.**

T71 DEADLOCK - THE SCENE disk magazine. Kewl.

T72 UPSTREAM 9 - Another top Scene magazine with loads of up to date news and more.

T74-T75 (2 DISKS) GRAPEVINE 20 - Needs no introduction. The latest issue of the most sort after Amiga disk mag around.

T67-T68 (2 DISKS) LUCIFER'S BOOK OF SHADES - Secrets from the occult. OVER 18'S ONLY.

T69 LUCIFER'S WICKED GRIMIRE - More information and practices of the occult. OVER 18'S ONLY.

T28 DREAMS FOR AN ANGEL - Reveals the significance of objects, colours, animals, etc. in your dreams.

T36 ALIEN CONFIDENTIAL - Information referring to Alien activities, cover ups and other real life ET phenomena.

T81 ALIENS CONFIDENTIAL 2 - Compiled by us. The long awaited follow up. Fascinating true to life UFO related material.

T73 BACK DOOR v3.47 - 100's of tips and cheats for the latest Amiga games.

EDUCATION

E97 NIGHT MATH ATTACK - Shoot-em-up maths game.

E98 KIDS DISK 5 - Educational games for kids by D Moran.

E99 KIDS DISK 6 - More excellent games for juniors.

E80 DYNAMIC SKIES - Powerful astronomy programme.

E71 CHILDRENS FAVOURITES 1 - Nursery rhymes.

E43 CHILDRENS FAVOURITES 2 - More nursery rhymes.

E59 STARVIEW - Plots the positions of the stars and planets.

E60 PRO ASTROLOGY - An aid for horoscope predictions.

E81 ANIMAL LAND - Farm yard childrens game. **NOT WB 1.3.**

E34 THE MATHS ADVENTURE - Maths problems adventure game.

E36 STEAM ENGINE ANIMATION - Detailed cross section anim.

E37 FOUR STROKE PETROL ENGINE - Cross section animation.

E42 TUFOBAN & TURBO JET ENGINES - Aeroplane engines.

E98-E99 (2 DISKS) PHOTOGRAPHIC LECTURE - Multimedia. **NOT WB 1.3.**

E100-E101 (2 DISKS) WEATHER GUIDE - Multimedia. **NOT WB 1.3.**

ANIMATIONS

A179-A185 (8 DISKS) TRIP IN A VEIN - Microcosm style flight through a vein with a space craft. 71 amazing frames of animation. Reviewed in the November issue of Amiga Format.

8 megabytes of memory required. **WB 3.0+ ONLY.**

A169 SUICIDE MAN 2 - Sick humour. Requires 1.5 meg. Avoid is easily offended.

AUTHORISED F1 LICENSEWARE DISTRIBUTORS

AUTHORISED CLR LICENSEWARE DISTRIBUTORS

ASSASSINS GAMES 1 - 200 AVAILABLE

FRED FISH 1 - 1000 AVAILABLE

Check out our comprehensive catalogue disks for the very best PD/Shareware. Updated monthly.



IMAGINE

FOR ALL YOUR RAYTRACING NEEDS!!!!

IMAGINE OBJECTS

U453 FURNITURE OBJECTS - Tables, chairs, cabinets, etc.

U454 HOUSEHOLD OBJECTS - Items you may well find around the home.

U482-U483 (2 DISKS) SCIENCE FICTION OBJECTS - From Light cycles and tanks, space stations and space ships, etc...

U484-U485 (3 DISKS) ARCHITECTURE OBJECTS - Houses, skyscraper, colosseum, and other types of man made structure.

U467-U469 (3 DISKS) CAR OBJECTS - Vehicles of all sorts, road vehicles to Formula One racing cars.

U470 INSECT OBJECTS - Creepy crawlies.

U471 DINOSAUR OBJECTS - Prehistoric beasts.

U472 ANIMAL OBJECTS - Many types of mammals.

U452 BARYLON 5 OBJECTS - Loads of ships from the top TV series.

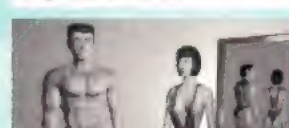
U460-U461 (2 DISKS) AIRCRAFT OBJECTS - From World War 1 Biplanes to modern day Stealth Fighters. Loads of aircraft from history.

U597 COMPUTER OBJECTS - Objects of your favourite computer.

U455-U456 (2 DISKS) STAR TREK OBJECTS - From the original and new series.



U457-U459 (3 DISKS) STAR WARS OBJECTS
X-Wing, Y-Wing, Scout walker, Death Star, Tie Fighters. And loads more.



U593-U596 (4 DISKS) HUMANOID OBJECTS - Men, Women, body parts.

IMAGINE TEXTURES

U479 IMAGINE MISCELLANEOUS TEXTURES - Textures for Imagine.

U480-U482 (3 DISKS) IMAGINE STONE TEXTURES - Textures for Imagine.

U483 IMAGINE WOOD TEXTURES - Textures for Imagine.

U484 IMAGINE ORGANIC TEXTURES - Textures for Imagine.

IMAGINE BUDDY SYSTEM

Used in conjunction with Imagine 2.0 for the ultimate Imagine tutorial and reference guide. Every single function is detailed in great detail. Essential.

DISK REFERENCE: U476-U477 (2 DISKS)

HARD DISK TOOLS V2

Compiled by the N.A.U.G.
The very best Hard Disk tools:
Clickable menus, Repairs, installers, Backup programmes, and more. CONTAINS:
HD Click-v2.60. MR Backup.
ABBackup v4.06. HD Mem v1.0.
Superlock. HD Installer.
v1.04. AF Copy. AND MANY OTHERS!
DISK REF: U501-U503 (3 disks)

NOT WB 1.3 COMPATIBLE

COMMS CONNECTED

A mighty collection of comms programmes for new users on 8 disks:
Ncomm v3.0.
Terminus 3.0d.
Term 4.1a.
Guide To Comms.
Internet Guide.
Trapdoor. And much more.
DISK REF: U572-578.

NOT WB 1.3 COMPATIBLE

VIRUS EXTERMINATORS V2

Compiled by the N.A.U.G.
All the best and best virus killers on 2 disks. Contains:
Virus Checker v6.43.
Boot X v5.23B (with latest v2.18 Brain file).
Virus Workshop v3.90.
Virus 2 II v1.90.
DISK REF: U499-U500.

NOT WB 1.3 COMPATIBLE



**GROUND
ZERO**

WEIRD SCIENCE CLIPART

Over 26,000 Amiga and PC compatible clipart files. Bitmap IFF's, Coloured IFF's, Proclips, Pagestream and Pagesetter. EPS & IMG.
PRICE: £9.95 + £1.00 P&P

ASSASSIN'S GAMES

The complete Assassins games disk from 1-200. This comes to 650+ great games.
PRICE: £17.95 + £1.00 P&P

AMOS PD LIBRARY

The entire range of official Amos PD software titles, 1,600 source code files, 800 game sound, 100 sprite banks, and more. For all Amos fans everywhere.
PRICE: £17.95 + £1.00 P&P

AMINET 4

Games, Utilities, music modules, Demos, Pictures. Just everything Amiga. All downloaded from the Aminet. All the files some of the latest PD around.
PRICE: £17.95 + £1.00 P&P

HOTTEST 4

The latest Mega demos, games, utilities, slideshows, animations, education, AGA titles, IFF pics, sound samples, music modules, etc.
PRICE: £17.95 + £1.00 P&P

AMIGA RAYTRACER

1000's of objects for raytracing. Every imaginable object is here!
PRICE: £17.95 + £1.00 P&P

GOLD FISH DOUBLE CD

The fabulous Fred Fish collection on 2 CD's. Over 1000 disks full of serious and leisure titles.
PRICE: £26.95 + £1.00 P&P

LOCK AND LOAD

About 1000 classic Public Domain games. Hours, days, weeks, months of pure entertainment.
PRICE: £17.95 + £1.00 P&P

PRO GIFS

256 colour scanned GIFs. Covers subjects like abstract art, birds, cartoons, frogs and young women in swimsuits. Over 5000 images.
PRICE: £17.95 + £1.00 P&P

SOUNDS TERRIFIC

2 jam packed CD's full of great sound samples and modules.
PRICE: £17.95 + £1.00 P&P

WEIRD SCIENCE FONTS

906 directories containing 18,800 files. Bitmap fonts, compugraphics fonts, Postscript and True Type and Pagestream & ProDraw outlines fonts, and much more.
PRICE: £9.95 + £1.00 P&P

DISK COMPRESSOR

Increase your hard drive capacity by up to 50% with Disk Compressor. Self installing, driven via a graphic user interface for complete user friendliness with online help facility. Comes along with printed quick start guide, and full extensive documentation provided on the disk. Disk compressor stays hidden in the background of your Workbench environment so you needn't worry about it after installation.

ALL THIS FOR ONLY 4.99 + P&P.

Please phone for availability.

NEW

CLR GAMES

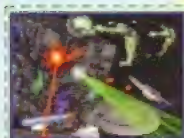
CLG5 TRUCKING ON II - Company management game. You run a transport firm. 2 DISKS. PRICE £4.95.
CLG7 IMBRIUM - DAY OF RECKONING - Arcade adventure game. Something like Finders Keepers and Spellbound on the C64. 1 DISK. PRICE £3.95.
CLG21 FLOWER POWER - Gardening game for children. 1 DISK. PRICE £3.95.
CLG22 STOCKING FILLERS - A number of Christmas related games. 1 DISK. PRICE £3.95. NOT WB 3.0.
CLG24 EASY MONEY - Fruit machine game. 1 DISK. PRICE £3.95.
CLG25 WHITE RABBITS - Excellent platform puzzle game. 1 DISK. PRICE £3.95.
CLG27 SHYMER - Graphic text adventure for children. 1 DISK. PRICE £3.95.
CLG28 TIME RIFT - Top rated platform shoot-em-up. 1 DISK. PRICE £3.95.
CLG31 DIRTY RACKETS - 21st century bat and ball game. 1 DISK. PRICE £3.95.
CLG35 OGI - Prehistoric platform game. 1 DISK. PRICE £3.95.
CLG38 QUINQUO - Pub quiz game. 1 DISK. PRICE £3.95.
CLG42 CRYSTAL SKULL - Recover the legendary artifact in this 3D isometric adventure game. Great graphics. 1 DISK. PRICE £3.95.
CLG43 PIC IT - Quiz game with digitised pictures. 1 DISK. PRICE £3.95.
CLG44 VIKING SAGA - Wargame against the clock. You have to prepare for battle before the enemy invasion. 1 DISK. PRICE £3.95.
CLG45 ARCHPELAGOS CAMPAIGN - Computer version of the Risk strategy war game. 1 DISK. PRICE £3.95.
CLG36 THE LOST PRINCE - Very professional mouse operated animated adventure game. Monkey Island style. 2 DISKS. PRICE £4.95.
CLG43 PIC IT - 2 to 5 player quiz game with digitised graphics. Very neat. 2 DISKS. PRICE £4.95.
CLG45 KNIGHT FIGHT - Medieval beat-up-em 2 DISKS. PRICE £4.95.
CLG50 HAIRPIN 2 - Overhead Formula One racing game. 1 DISK. PRICE £3.95.
CLG51 TEN PIN BOWLING - Made famous by Fred Flintstone now you can have a go. 1 DISK. PRICE £3.95.
CLG52 ADVENTURE CREATOR - Graphic text adventure creator for the non-programmer. PRICE £4.95.
CLG53 WALL STREET - Stock exchange game. Make a million. 2 DISKS. PRICE £4.95.
CLG54 NATIONAL HUNT - Horse racing management game. 1 DISK. PRICE £3.95.
CLG55 CRYSTAL QUEST - 3D dungeon maze game full of puzzles to solve. 1 DISK. PRICE £3.95.
CLG56 SENTINAL - Sci Fi platform game. 1 DISK. PRICE £3.95.
CLG57 DREAM STREAM - Surberb futuristic arcade adventure game. 1 DISK. PRICE £3.95.
CLG59 FOOTBALL CLUB MANAGER - Run your own football team. From the lowly 3rd division, you must build up your team to premiership standard. The directors will be watching. 1 DISK. PRICE £3.95.

COMPUGRAPHIC FONTS

Compugraphic Collection 1-20. Disk REFS: U274, U275, U276, U308, U408, U409, U410, U438, U446, U447, U448, U493, U494, U495, U496, U497, U506, U588, U589, U590.

Compatible with:

Professional Page v2.1 (and above), Pagesetter 3, Typesmith, Pagestream v2.0 (and above), Final Copy, Final Writer, Wordsworth v2.0 (and above), Workbench 2.0 (and above).



FINAL FRONTIER ISSUE 7
Disk magazine for all Trekkie fans. Loads of news, reviews and interviews. All four disks for only £6.50 + P&P.
THIS IS NOT PUBLIC DOMAIN

(NOT AVAILABLE FOR THE AMIGA A500)

FROM THE PRODUCERS OF THE FINAL FRONTIER COMES HOLODECK, ORIGINAL STAR TREK RELATED RAYTRACED AND HAND DRAWN SCENES. EXCLUSIVE ART WORK AND NOT PUBLIC DOMAIN. CURRENTLY AVAILABLE:

HOLODECK 3 (2 DISKS).....PRICED AT £2.70 + P&P

HOLODECK 4 (2 DISKS).....PRICED AT £2.70 + P&P

HOLODECK 5 (2 DISKS).....PRICED AT £2.70 + P&P

CLR EDUCATION

CLE1 TOTAL CONCEPTS DINOSAURS - Multimedia presentation on Dinosaurs. 2 DISKS. PRICE £4.95.
CLE2 TOTAL CONCEPTS GEOLOGY - Multimedia title about the Earth natural processes. 2 DISKS. PRICE £4.95.
CLE3 TOTAL CONCEPTS SOLAR SYSTEM - Everything you ever wanted to know about our solar system. 2 DISKS. PRICE £4.95.
CLE4 COLOR PAD - Computer colouring book for infants. 1 DISK. PRICE £3.95.
CLE5 NIGHT SKY - Astronomy programme with planet tracking facility. 1 DISK. PRICE £3.95.
CLE10 BASICALLY AMIGA - Complete AmigaDOS and Workbench guide for new owners. Covers WB 1.3 & 2.0. 3 DISKS. PRICE £5.95.
CLE14 TOTAL CONCEPTS ECOLOGY - Study on how living things interact with their environment. Multimedia. 3 DISKS. PRICE £5.95.
CLE15 FAST FRET - Guitar scales tutor. 1 DISK. PRICE £3.95.
CLE16 KINGS & QUEENS - History lesson on the English monarchs. 2 DISKS. PRICE £4.95.
CLE19 PLAY IT SAFE - Game to teach youngsters about dangers around the home. 2 DISKS. PRICE £4.95.
CLE31 UNDERSTANDING AMOS 2 - Teaches you the basic programming techniques. 2 DISKS. PRICE £4.95.
CLE35 SOLAR SYSTEM 2 - More about our solar system. 3 DISKS. PRICE £5.95.
CLE40 BOREALIS JUNIOR - Pre-school paint package. 1 DISK. PRICE £3.95.

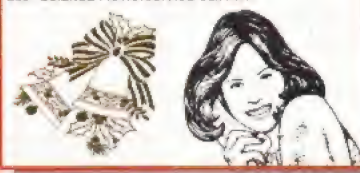
CLR UTILITIES

CLU3 TYPING TUTOR - Teaches you to type more accurately and efficiently. 1 DISK. PRICE £3.95.
CLU14 STOCK CONTROLLER - Stock controller for the small business. 1 DISK. PRICE £3.95.
CLU24 INVOICE MASTER - Invoice printing. 1 DISK. PRICE £3.95.
CLU31 FLOW CHARTER - Draws flow charts. 1 DISK. PRICE £3.95.
CLU32 POWER TEXT 2 - Superb entry level word processor for people on a tight budget. 1 DISK. PRICE £3.95.
CLU35 POWER ACCOUNTS - Personal finance manager. 1 DISK. PRICE £3.95.
CLU40 ARCO - Powerful ARexx language compiler. 1 DISK. PRICE £3.95. NOT WB 1.3.

For posting and packing costs on CLR titles, refer to PUBLIC DOMAIN PRICE LIST.

BITMAP CLIPART

U534-U536 (3 DISKS): AIRCRAFT CLIPART.
U537-U539 (3 DISKS): WEDDING CLIPART.
U540-U542 (3 DISKS): SPORTS CLIPART.
U543-U547 (5 DISKS): CHRISTMAS CLIPART.
U548-U549 (2 DISKS): WOMEN CLIPART.
U550 CAR CLIPART.
U551-U552 (2 DISKS): BUSINESS & OFFICE CLIPART.
U553 FAMOUS PEOPLE CLIPART.
U554-U555 (2 DISKS): CHILDREN CLIPART.
U556 BUILDING CLIPART.
U557-U560 (4 DISKS): POWERPOINTS CLIPART - Banners, stars, pointers. Clipart to highlight or make a point, get noticed.
U561 MEN CLIPART.
U562-U563 (2 DISKS): CARTOON CLIPART.
U564 FLOWERS & PLANTS CLIPART.
U565-U566 (2 DISKS): ZODIAC SIGNS CLIPART.
U567 ANIMAL ANTIQS CLIPART.
U568 MONSTERS CLIPART.
U569 CATS CLIPART.
U570 SCHOOL CLIPART.
U571 AQUATIC CLIPART.
U386-U388 (3 DISKS): WILDLIFE CLIPART.
U389-U390 (2 DISKS): MILITARY CLIPART.
U100 TEDDY BEAR CLIPART.
U584 SCENERY CLIPART.
U585 TOURIST LOCATIONS CLIPART.
U586 PROFESSIONS CLIPART.
U587 SCIENCE FICTION/SPACE CLIPART.



BUILD MUSCLES FAST!



NEW. Fast and effective way to build muscles and strength!

MUSCLE DYNAMICS is a 12-week body building programme based on the very latest scientific advances in strength training. Just 35 minutes daily in the privacy of your home will put you on the road to an amazing physique.

Noticeable results in 28 days guaranteed.

Send for FREE Information Pack.

MUSCLE DYNAMICS, P.O. BOX 70, DOUGLAS, IM99 1EH.

Tel: 0624 801023 (24 hrs)

MUSCLE DYNAMICS, P.O. BOX 70, DOUGLAS, IM99 1EH

Yes! I want to build muscles fast. Please rush me a FREE Information pack!

Name.....BLOCK

Address.....CAPITALS

.....PLEASE

Postcode.....
(A stamp for reply appreciated)

DIRECT SOFTWARE

100% COMPLETE! NO 3rd PARTY SOFTWARE!

Direct Software Dept. 36 Sirenia Court, Church End, Milton Keynes MK5 8JG

01908 379550

01908 379550

01908 379550

01908 379550

ORDER HOTLINE
01 908 379550

BLANK DISKS

ALL OUR DISKS COME WITH A 100% ONE FOR ONE GUARANTEE

RECYCLED COVER DISKS	RECYCLED HD COVER DISKS	DS/DD	DS/HD
50 £10.99	50 £16.00	50 £16.00	50 £22.00
100 £20.00	100 £30.00	100 £30.00	100 £40.00
250 £45.00	250 £70.00	250 £70.00	250 £90.00
500 £85.00	500 £135.00	500 £135.00	500 £170.00
1000 £150.00	1000 £255.00	1000 £255.00	1000 £320.00

All our disks include FREE labels

We will not be beaten on prices!

Please make cheques and P.D payable to:

DIRECT SOFTWARE, DEPARTMENT AMF002/SC 36 Sirenia Court, Church End, Milton Keynes MK5 8JG

UK MAINLAND - DELIVERY FREE

OTHER AREAS - PRICES ON APPLICATION

All parcels are sent out by recorded delivery. All items subject to availability. All prices subject to change without notice. E&OE. Please allow for postage allowance.

Please charge my Access/Visa No: _____ Expiry Date: ____/____/____

ORDER FORM

Please supply me with the following for

Computer _____

TITLES _____

POST + PACKAGING _____

TOTAL _____

CUSTOMER NUMBER _____

DATE: _____

NAME: _____

ADDRESS: _____

POST CODE: _____

TEL: _____

MILTON KEYNES, ENGLAND

The Best Selling Word Processor and Database for the Amiga...

Pen Pal

Since its launch, Pen Pal has become the most popular package of its type!

Not surprising when you consider the array of extensive features at your fingertips. Combined with its user friendly simplicity, it was bound to be a winner! Amiga Format, when reviewing word processors, said there was "little to fault Pen Pal". Quite a prediction it seems as in a later feature they confirmed Pen Pal was "still the best value for money". If you're not already a Pen Pal user, we hope you soon will be - because at the new lower price of just...

£39.95rrp

the current Best Seller is bound to sell even better!

Pen Pal is a superb package with immense power to fulfil all your Word Processing needs, and... a truly comprehensive Database too! Pen Pal is easy to use though and the extensive 250 page manual is on hand should you need it. Users frequently tell us that they've never found a program they get on with so well.

The Word Processor: Open multiple documents simultaneously; search & replace; cut, copy, paste; check your spelling with a 110000+ dictionary; import your favourite IFF/HAM graphics or clip art files in various sizes & colours; auto flow text around graphics (even as you type); view a full page then position, edit & create graphic objects; use the forms designer; ALL THIS and much more! From the documents on this page you can see this is no ordinary program!

The Database: With 32 fields per record, 32000 records per database & FAST sort of 1000 records in less than 5 seconds, this is a REAL database. Mail merge information into the word processor simply and create templates for letters, reports etc. into which data can be merged too!

Remember that just like other SoftWood Products, Pen Pal comes with free telephone support!

Pen Pal is compatible with any Amiga - from the A500 to the latest A1200/4000 ranges with a minimum of 1Mb available free RAM. Available from all good Amiga software dealers or SoftWood. Please phone for a list of nationwide stockists.

SoftWood

New Street, Alfreton, Derbyshire DE55 7BP
Telephone: 0773 521606 Facsimile: 0773 831040

KT's PD

Software for all Amiga Users 500/500+/600/1200/4000/A570/C32

DISK PRICES: £1.1, £1.25, 4.9, £1.00, 10.20, 21.95 only 80p. 50p only 40p each.

PLEASE ADD 75P P&P PER ORDER

DISKS	DISKS	DISKS	DISKS	DISKS
<ul style="list-style-type: none"> 1. SANTA & RUDOLPH 2. SPELLING DRILL 3. 18 HOLES GOLF (3) 4. UNTOUCHABLE 5. AMES PRUITT 6. ROAD TO HELL 7. FROTHMARE 8. PROF. MANAGER 9. SEARCH BASE 13 (5) 10. TEARD CHANGING 11. SEAR TREK (2) 12. MIP MEN QUINPES (2) 13. MESS DRIVE 14. FORTRESS & ARCADE W 15. GLAYD (2) 16. KT'S BOARD GAMES 17. CAGE OF DR. STRANGE 18. SPECTY GAMES (2) 19. RIVER SOCCER (5) 20. CYBERTECH CORP AGA (2) 21. SILVER PRINCE 22. CASH PRUITT 23. GANDERMAUSE 24. WALLY WORLD (2) 25. EVIL DOME GRID 26. DELIVER GALAGA 2 27. DELIVER PRINCE 28. TIME ZONE (2) 29. PARACHUTE JUMP 30. RITELUS WPLAND 31. RANSE THE TITANIC 32. SCOTTS/BLACK MANAGER 33. JERPH CHARGE 34. SHEPHERD 35. BLACK SHIP 2 36. ALONAL - WOLM WAR 37. SCHWARTZ IN PUZZLE 38. KEMER GAMES (2) 39. KEMER GAMES (2) 40. KEMER GAMES (2) 41. KEMER GAMES (2) 42. KEMER GAMES (2) 43. KEMER GAMES (2) 44. KEMER GAMES (2) 45. KEMER GAMES (2) 46. KEMER GAMES (2) 47. KEMER GAMES (2) 48. KEMER GAMES (2) 49. KEMER GAMES (2) 50. KEMER GAMES (2) 	<ul style="list-style-type: none"> 1. POLKA BRIDGE NO. 1 2. POLKA BRIDGE NO. 2 3. POLKA BRIDGE NO. 3 4. POLKA BRIDGE NO. 4 5. POLKA BRIDGE NO. 5 6. POLKA BRIDGE NO. 6 7. POLKA BRIDGE NO. 7 8. POLKA BRIDGE NO. 8 9. POLKA BRIDGE NO. 9 10. POLKA BRIDGE NO. 10 11. POLKA BRIDGE NO. 11 12. POLKA BRIDGE NO. 12 13. POLKA BRIDGE NO. 13 14. POLKA BRIDGE NO. 14 15. POLKA BRIDGE NO. 15 16. POLKA BRIDGE NO. 16 17. POLKA BRIDGE NO. 17 18. POLKA BRIDGE NO. 18 19. POLKA BRIDGE NO. 19 20. POLKA BRIDGE NO. 20 21. POLKA BRIDGE NO. 21 22. POLKA BRIDGE NO. 22 23. POLKA BRIDGE NO. 23 24. POLKA BRIDGE NO. 24 25. POLKA BRIDGE NO. 25 26. POLKA BRIDGE NO. 26 27. POLKA BRIDGE NO. 27 28. POLKA BRIDGE NO. 28 29. POLKA BRIDGE NO. 29 30. POLKA BRIDGE NO. 30 	<ul style="list-style-type: none"> 1. 2000 UTILS 2. 2000 UTILS 3. 2000 UTILS 4. 2000 UTILS 5. 2000 UTILS 6. 2000 UTILS 7. 2000 UTILS 8. 2000 UTILS 9. 2000 UTILS 10. 2000 UTILS 11. 2000 UTILS 12. 2000 UTILS 13. 2000 UTILS 14. 2000 UTILS 15. 2000 UTILS 16. 2000 UTILS 17. 2000 UTILS 18. 2000 UTILS 19. 2000 UTILS 20. 2000 UTILS 21. 2000 UTILS 22. 2000 UTILS 23. 2000 UTILS 24. 2000 UTILS 25. 2000 UTILS 26. 2000 UTILS 27. 2000 UTILS 28. 2000 UTILS 29. 2000 UTILS 30. 2000 UTILS 	<ul style="list-style-type: none"> 1. 2000 UTILS 2. 2000 UTILS 3. 2000 UTILS 4. 2000 UTILS 5. 2000 UTILS 6. 2000 UTILS 7. 2000 UTILS 8. 2000 UTILS 9. 2000 UTILS 10. 2000 UTILS 11. 2000 UTILS 12. 2000 UTILS 13. 2000 UTILS 14. 2000 UTILS 15. 2000 UTILS 16. 2000 UTILS 17. 2000 UTILS 18. 2000 UTILS 19. 2000 UTILS 20. 2000 UTILS 21. 2000 UTILS 22. 2000 UTILS 23. 2000 UTILS 24. 2000 UTILS 25. 2000 UTILS 26. 2000 UTILS 27. 2000 UTILS 28. 2000 UTILS 29. 2000 UTILS 30. 2000 UTILS 	<ul style="list-style-type: none"> 1. 2000 UTILS 2. 2000 UTILS 3. 2000 UTILS 4. 2000 UTILS 5. 2000 UTILS 6. 2000 UTILS 7. 2000 UTILS 8. 2000 UTILS 9. 2000 UTILS 10. 2000 UTILS 11. 2000 UTILS 12. 2000 UTILS 13. 2000 UTILS 14. 2000 UTILS 15. 2000 UTILS 16. 2000 UTILS 17. 2000 UTILS 18. 2000 UTILS 19. 2000 UTILS 20. 2000 UTILS 21. 2000 UTILS 22. 2000 UTILS 23. 2000 UTILS 24. 2000 UTILS 25. 2000 UTILS 26. 2000 UTILS 27. 2000 UTILS 28. 2000 UTILS 29. 2000 UTILS 30. 2000 UTILS

QUALITY ACCESSORIES

- 1. 3.5" disk drive
- 2. 3.5" disk drive
- 3. 3.5" disk drive
- 4. 3.5" disk drive
- 5. 3.5" disk drive
- 6. 3.5" disk drive
- 7. 3.5" disk drive
- 8. 3.5" disk drive
- 9. 3.5" disk drive
- 10. 3.5" disk drive
- 11. 3.5" disk drive
- 12. 3.5" disk drive
- 13. 3.5" disk drive
- 14. 3.5" disk drive
- 15. 3.5" disk drive
- 16. 3.5" disk drive
- 17. 3.5" disk drive
- 18. 3.5" disk drive
- 19. 3.5" disk drive
- 20. 3.5" disk drive
- 21. 3.5" disk drive
- 22. 3.5" disk drive
- 23. 3.5" disk drive
- 24. 3.5" disk drive
- 25. 3.5" disk drive
- 26. 3.5" disk drive
- 27. 3.5" disk drive
- 28. 3.5" disk drive
- 29. 3.5" disk drive
- 30. 3.5" disk drive

KT'S SPECIAL PACKS

- 1. 3.5" disk drive
- 2. 3.5" disk drive
- 3. 3.5" disk drive
- 4. 3.5" disk drive
- 5. 3.5" disk drive
- 6. 3.5" disk drive
- 7. 3.5" disk drive
- 8. 3.5" disk drive
- 9. 3.5" disk drive
- 10. 3.5" disk drive
- 11. 3.5" disk drive
- 12. 3.5" disk drive
- 13. 3.5" disk drive
- 14. 3.5" disk drive
- 15. 3.5" disk drive
- 16. 3.5" disk drive
- 17. 3.5" disk drive
- 18. 3.5" disk drive
- 19. 3.5" disk drive
- 20. 3.5" disk drive
- 21. 3.5" disk drive
- 22. 3.5" disk drive
- 23. 3.5" disk drive
- 24. 3.5" disk drive
- 25. 3.5" disk drive
- 26. 3.5" disk drive
- 27. 3.5" disk drive
- 28. 3.5" disk drive
- 29. 3.5" disk drive
- 30. 3.5" disk drive

MODEM VIDEO!

Are you finding Internet easy?

SEE IT! DO IT! £14.50 inc

In Real Life, How to:-

Log-on to Internet, CIX, Compuserve, your local board, etc

Download programs, games
Get info on anything
Get on-line help and updates
Chat, interactive gaming

Watch the easy way - end the pain
We can tell you, we've been there!

For a VHS copy send cheques/POs for £14.50 to
TV Information Ltd
Leaside House, Lavington Road
Potterne, Wiltshire SN10 5QU
Tel: 0380 813347

We are professional producers of Broadcast TV

This month, **Steve McGill** delves into the cyber world of mags on disks and finds himself pleasantly surprised by the result and **Jason Holborn** uncovers a wealth of quality software just waiting to be snapped up for the price of a disk.

PD Select

Welcome to the new-style PD section of AF. We hope that we're able to engage your interest with the new retina-massaging bite-sized chunky box design. Not to mention the superfluously over-inflated wordsmithing...

WIT PREMIUM - FREEZERS (Freestyle PD)

From the start, *Wit Premium* establishes itself as something at least a bit different, verging on entertaining.

The music is a little pompous, but in the way that Wagner's *Ride Of The Valkyrie* could be considered pompous. It declares the demo open and then proceeds to take you on an accelerated journey through demo land. The music is fast, high-energy stuff that doesn't manage to grate through constant repetition. It changes enough to be listenable to all the way through.

What's more, when the first major polygonal rift journey through an imaginary set of buildings starts, the music complements the visuals in an intense burst of manic synchronicity. Very effective, if not very impressive.

Admittedly, *Wit Premium* doesn't have a great deal of engaging narrative to hold it together in the way that, say *Mina Omistan* does. But they're completely different kinds of demos and deserve to be judged differently.

It's the energy of *Wit Premium's* music and visuals that carry it so that it is entertaining from start to end - no swirly vector patterns or starfields or other effects that have been seen since the dawn of creation.

Even more engagingly, the credits and greetings are all stuck on at the end. So it doesn't feel as if the designers and coders are getting in your face.

Medium to high recommendation for this one.

OPERATION FIRESTORM (F1 Licenceware)

Like many Amiga owners, I harbour a secret obsession for classic 8-bit games.

WIT PREMIUM - FREEZERS:
Both of the dramatic pictures on this page are from the graphically stunning and very entertaining *Wit Premium*.



So much so, in fact, that my home still plays host to some of the classic 8-bit micros - the C64, Spectrum, Oric1 and even an Atari 800. My aged Spectrum still sees quite a bit of service thanks to one game - *Green Beret*. Originally released by Ocean, *Green Beret* is one of those 8-bit games that - although technically very simple - has bucketloads of gameplay.

And PD programmer P Ruston has attempted to relive the glory days of *Green Beret* with the launch of his brand new Licenceware release, *Operation Firestorm*. Available for just £3.99 from F1 Licenceware, *Operation Firestorm* features some of the best graphics and sound yet to be found in a PD game.

Like *Green Beret*, the idea is to guide a lone Rambo-like soldier through five massive horizontally-scrolling levels, blasting any enemy soldiers that are unfortunate enough to get in your way.

Armed with just a simple single-shot rifle at the start of the game, our hero can pick up all manner of power ups, such as flame throwers and missile launchers. You'll certainly need these power ups too as the game is very, very tough. In all, *Operation Firestorm* is £4 well spent.

SUPERVIEW (KEW-II)

It's very rare to find a picture viewing utility that offers anything particularly new - AGA, 24-bit support and fancy fades and wipes have been done to death - so you can imagine my surprise when *SuperView* dropped on to my desk entombed in a jiffy bag from KEW-II Public Domain.

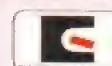
Unlike most picture viewing programs, *SuperView* owes much to image processing programs like ASDG's

Continued overleaf →



EPIC

Order hotline. 0793 490988



AMIGA CD ROM TITLES



ADULT SENSATION NEW!
Over 3000 AGA pictures of lovely ladies in various poses. Compatible with Amiga & PC. Please quote over 18 when ordering.

£19.99



17 BIT PHASE 4
Thousands of brand new Amiga software, games, demos, tools are all included.

£19.99



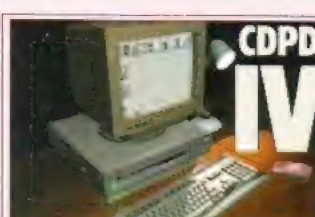
LOCK 'N' LOAD GAMES CD
Over 1,000 top Amiga games. Includes shoot-'em-ups, platformers, puzzle games and loads more.

£19.99



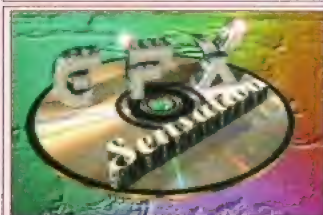
PROFESSIONAL GIF CLIPART
Over 1,000 brilliant 256 GIF pictures, all subjects included. Compatible with Amiga & PC.

£19.99



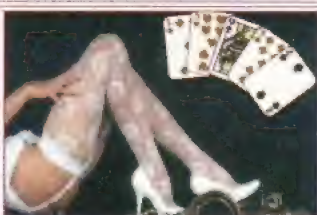
CDPD IV
Includes all latest Fish discs, loads of tools, graphics, games, imagine objects and loads more amazing tools. Over 600Mb worth.

£19.99



GFX SENSATION
Hundreds of Mb of Amiga raytracing tools and data. Includes over 250Mb of objects for Imagine & Lightwave, as well as hundreds of textures etc.

Only £19.99



COVERGIRL STRIP POKER
Play poker with some of the world's most beautiful women. 8 soundtracks and digitised speech make this a super CD ROM title.

CD32/CDTV/A570 ONLY. *Keyboard required £19.99



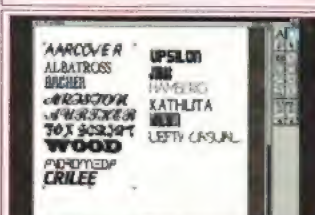
HOTTEST 4
Includes over 1,200 titles. Games, Demos, Utilities are all included.

£19.99



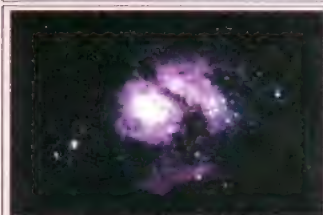
WS CLIPART CD ROM
Over 25,000 Clipart Images, every subject imaginable is included. PS, EPS, IFF, Brush, Coral Draw, Colour IFF, ProClips, Pagesetter, IMG and more.

£9.99



WS FONTS CD ROM
Thousands of top quality professional fonts. Adobe, Compugraphic, Bitmap, PCX, Coloured, TrueType & Postscript.

£9.99



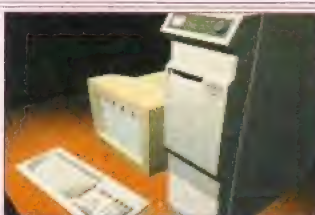
SPACE & ASTRONOMY
Over 1,000 superb 256 colour pictures of our solar system. Also includes official NASA documentation dating back to 1962.

£19.99



EUROSCENE
Includes hundreds of stunning new Amiga demonstrations plus source code.

£14.99



MULTIMEDIA TOOLKIT 2
Includes fonts, textures, backgrounds, sound FX, sampled musical instruments and everything else to do with multimedia.

£19.99



LSD COMPENDIUM
Includes the complete set of LSD Legal tools as well as new animations, demos and tools.

£19.99



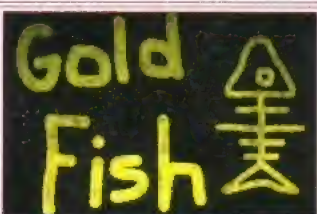
ASSASSINS GAMES CD
The complete Assassins games set. Over 200 games discs on one CD, that is more than 700 individual games on one CD.

£19.99



AMIGA TOOLS **NEW!**
Thousands of new Amiga tools. Comms, DTP, Fonts, Directory managers, CAD, CD tools and loads more.

£19.99



GOLD FISH 1-1000
The complete Fred Fish collection on 2 CDs. All 1,000 discs, all the latest of which can be run directly from CD. Inc. demos, games, tools, WB stuff, etc.

£29.99



CD32 LINKUP
Includes around 100 Fish discs, some unreal AGA pictures, tools, Networking tools for connecting Amiga to Amiga or Amiga to CD32. Includes Linkup lead, CD ROM & floppy

£34.95



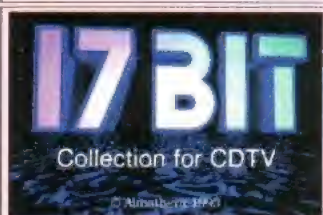
PROFESSIONAL UTILS 1500
Over 1,500 of the very best Amiga utilities. Sound, Animation, Graphics, Comms, CAD, Amos, Astronomy, Virus Killers, Degraders, HD Tools and loads more.

£19.99



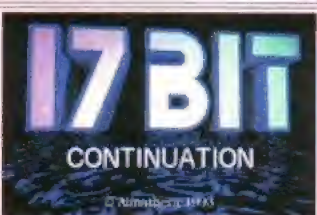
AMOS CD
Includes every disc from the Amos PD library. Games, demos, music & tools.

£19.99



17 BIT COLLECTION
A 2 CD set has 1,700 DMS'ed disc based titles, hundreds of games, demos, utilities, graphics and music discs.

£39.99



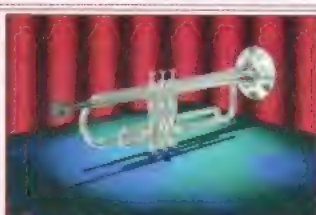
17 BIT CONTINUATION
Over 500 archived Amiga discs on one CD as well as 140 Assassins games discs and loads more.

£19.99



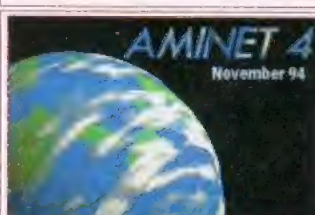
SPECCY SENSATION NEW!
Over 500 Classic Spectrum games on one CD complete with emulators for Amiga & PC. Remember the good old days for just...

*KEYBOARD REQUIRED £19.99



SOUNDS TERRIFIC
A 2 CD set of over 1.2 Gig of music modules. Sound FX and instruments.

£19.99



AMINET 4 NOV '94 **NEW!**
Latest version of the Aminet series, includes thousands of tools for Workbench. All archived. (BEST VALUE FOR MONEY).

£19.99

FREE BOX OF TEN QUALITY BLANK DISKS WITH EVERY PURCHASE OVER £25

Priority Order Form

Name
Address
Postcode
Amiga model Payment
Credit Card No
Exp.

Please note that not all CD titles will work on a standard CD32, some titles require a keyboard and floppy drive.
All CDs can be used on a CD32 linked up to any Amiga.

Order Value

Please send me:	QTY
	= £
Other Items	= £
Total goods value	= £
Postage & Packing <small>Please add £1.00 P&P per CD in the UK</small>	= £
Amount enclosed	= £
MOST TITLES ADVERTISED ARE IN STOCK READY FOR DESPATCH	

Ordering by post

Simply send us a written order with a list of the discs you require, or simply tick the boxes of the titles you require, fill in your name and address, remove or photocopy this page and send it along with full payment to: Epic Marketing, 138-139 Victoria Rd, Swindon, Wiltshire, SN1 3BU.

Collecting discs

Discs can be collected same day, but if your order is quite large, please phone in a few hours previous to pick-up.

Overseas Orders

Overseas orders are welcome, but please add £2.00 to each title ordered, & a minimum of 5 titles apply.

Postage & Packing

UK: Please add £1.00 P&P per CD in UK.

OVERSEAS: Please add £2.00 per CD (for 1st class delivery).

Compatibility

All titles advertised should work on any Amiga unless stated. AGA means that it only works on A1200/A4000.

KS2/3 means that title requires an A500+/A600/A1200.

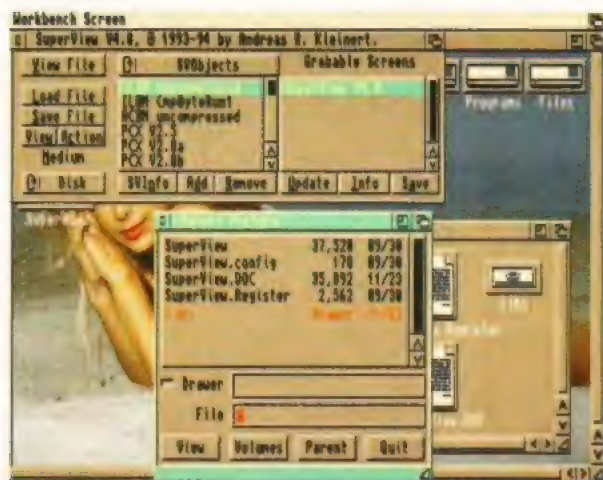
Ordering by phone

To place an order over the phone simply call any time between 9.30 & 5.30pm Monday to Saturday with your credit card details and the discs you would like to order. (Orders can usually be placed up to 6pm every evening).

OTHER CD ROM TITLES

<input type="checkbox"/> CDPD 1	£19.99
<input type="checkbox"/> CDPD 2	£19.99
<input type="checkbox"/> CDPD 3	£19.99
<input type="checkbox"/> AMINET 3 (July '94)	£19.99
<input type="checkbox"/> SHEER DELIGHT (18)	£19.99
<input type="checkbox"/> ADULT VISION (18)	£19.99
<input type="checkbox"/> AMIGA RAYTRACER 2	£19.99
<input type="checkbox"/> NETWORK CD & CD32 LEAD	£34.99
<input type="checkbox"/> MULTIMEDIA TOOLKIT	£19.99
<input type="checkbox"/> MEETING AT PEARLS	£19.99
<input type="checkbox"/> SOURCE CODE	£19.99
<input type="checkbox"/> GIFS GALORE	£19.99
<input type="checkbox"/> DEMO CD 1	£19.99
<input type="checkbox"/> DEMO CD 2	£19.99
<input type="checkbox"/> STARTREK MULTIMEDIA	£27.99

Epic Marketing
Victoria Centre
138-139 Victoria Road
Swindon, Wilts. SN1 3BU



SUPERVIEW: Display images stored in all the most popular image formats – such as JPEG, PCX or, BMP – with SuperView.



OPERATION FIRESTORM: Closet Rambos will love F1 Licenceware's new Green Beret-like shoot-em-up.



LOTTERY WINNER: Win £2 million pounds in the National Lottery with Lottery Winner. And don't forget your friends at AF if you hit the jackpot!

← *Art Department Professional* because it can handle not only IFF format images, but a whole range of other image formats too using *ADPro* like image loaders which need only be dropped into the appropriate drawer for *SuperView* to know of their existence.

SuperView has a wide range of additional loaders to handle such image formats as GIF, PCX, JPEG, BMP, TIFF and TARGA. What's more, new loaders can quite easily be added at a later date making *SuperView* a truly modular program.

SuperView can do a lot more than just display pictures, however. Once you've loaded an image into the program, you can then save it to disk in any one of the supported loader formats. You could, for example, load an image in PCX format and then save it off as a JPEG file.

Amiga Format subscribers will be pleased to learn that *SuperView* is on this month's Subscribers' Superdisk.

LOTTERY WINNER (OnLine PD)

If you're one of the millions of Britains that have gone National Lottery bonkers then you simply have to get your hands on a copy of OnLine PD's *Lottery Winner* (alternatively, *AF* subscribers will find it on this month's Subscribers' Superdisk).

Since the country went lottery mad back in mid November, we've received loads of utilities designed to generate numbers suitable for a National Lottery game card. Big deal – how hard can it be to write a utility that generates seven random numbers?

Lottery Winner, on the other hand, is an entirely different ball (lottery?) game. OK, so it too can generate numbers for your lottery cards but – unlike its lesser rivals – *Lottery Winner* also analyses winning numbers from the past to predict the most likely combinations. Simply feed it each week's lottery numbers and *Lottery Winner* does the rest.

Lottery Winner also lets you view the frequency of numbers over a set period of time so you can see at a glance what

numbers keep cropping up time and time again. OK, so you could quite easily do this yourself with a bit of graph paper, but hey – using your Amiga is a lot more fun.

F1GP-ED

(All good PD libraries)

If you're a fan of Microprose's *Formula One Grand Prix* then you'll love Oliver Roberts' new editor utility. Available from all good Public Domain libraries (the author sent us our copy direct), version 2.3 of *F1GP-ED* is all you need to customise your copy of Microprose's brilliant 3D racing game.

Running from a friendly Workbench-based front end, *F1GP-ED* lets you design the look and performance of racing cars and customise pit crews and helmets, plus you can alter how the computer-controlled cars drive and respond.

Also included is a sample data file which converts your copy of *F1 Grand Prix* so that it plays like the real-life 1994 season.

Using Oliver's data file, you can compete against the likes of Damon Hill and Michael Schumacher – who knows, perhaps you could rewrite history so that our Damon wins the world championship!

Oliver has put a great deal of work into ensuring that the modified game is

as close to the real thing as possible. As a result, the computer-controlled cars achieve much faster lap times so you'd better be blessed with the driving skills of Nigel Mansell if you want to be in with a chance of winning Oliver's modified *F1 Grand Prix*.

WORKBENCH 2/3 SYSTEM UTILITIES (KEW-II)

Barely a month goes by without yet another compilation of Workbench 2.0 and 3 utilities landing on my desk. This latest compilation contains five of the best utilities released over the past couple of months. Here's a quick run down of what's on offer.

NewAlert2 – This utility (which *AF* subscribers will find on their free Subscribers' Superdisk) is designed to demystify those dreaded Guru messages that your Amiga displays when something goes wrong. Simply stick it into your WBStartup and whenever a Guru number is displayed, *NewAlert2* tells you exactly what went wrong. Simple but very useful.

SIP 2.18 – *SIP* is a quick and very easy to use system monitor utility similar in design to the infamous *ARTM*.

Boasting a full (but, it has to be said,

Continued overleaf →

GRAPEVINE

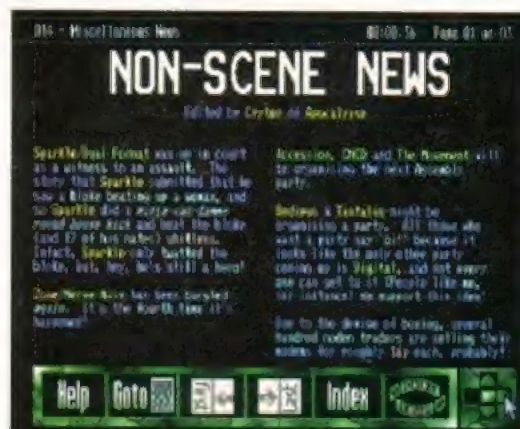
Issue 20 (17 Bit Software)

If *Grapevine* is your first foray into the underworld of disk magazines, then prepare to have your eyes opened with all the subtlety of a rusty crowbar opening a box of spent matches.

Grapevine comes on two disks and is packed with very useful and illuminating information, contacts, and insights into the elitist, arrogant but intelligent with it, sub-culture of the demo, coding and mod scene.

Although it's easy enough to navigate through the various pages, it is very text-heavy which will be a trifle tiresome for all but the most enthusiastic lovers of the Amiga.

Despite the word blindness that set in after browsing through the magazine for an hour and a bit, *Grapevine* should be checked out by anyone with more than a casual interest in the Amiga. Recommended.



GRAPEVINE: The name may not be that original but the information within certainly is.

17 BIT Software

EST 1988

AMIGA CD ROM



17 BIT COLLECTION £34.99
1700 Disks from 1 to 2300 of the 17 Bit Library



17 BIT CONTINUATION £19.99
Disks from 2301 to 2800, Arug, Assassins Games & more!



17 BIT PHASE 4 £19.99
Disks from 2801 to 3351 of our own library!



LSD COMPENDIUM VOL 1 £19.99
AGA/Non AGA Demos, Pictures, Anims etc. Not to mention the entire Legal Tools Collection!



AMINET 4 Nov '94 £17.99
1700 Mods, 1600 Utils, 250 Games, 100 Demos, 100 Pix & 80 Anims!



CDPD 4 £19.99
Fish 891 to 1000, GNU C++, AM/FM to 18 & loads of fonts etc!



AMOS USERS CD £19.99
The entire Amos Library on one CD! Inc Source, Sprites, Samples etc!



EUROSCENE 1 CD £14.99
Late 93 & early 94 demo releases. A must for demo collectors!



GIFS GALORE CD £19.99
Over 5000 Gif pictures from over 40 different categories!



SPACE & ASTRONOMY CD £19.99
Over 1000 pix of our Solar system along with 5000 NASA texts!



CD32 NETWORK CD £14.99 CABLE £19.99
Connect your '32 to any other Amiga and access every CD available!



SOUND TERRIFIC £19.99
Two CD's FULL of music mods & sound samples!



WS CLIPART £9.99
Over 26,000 Cliparts in BMP, IFF, EPS, IMG, CorelDraw, Pagestream & Pagesetter!



WS FONTS £9.99
18,800 files including Adobe, CG, BMP, IFF, Coloured, PS, TrueType & MORE!

TO ORDER BY PHONE OR FAX
TEL (01924) 366982 FAX: (01924) 200943
All Major Cards Inc. Switch & American Express. TO ORDER BY POST
Send Cheques/PO's payable to:
Dept AF, 17 BIT SOFTWARE
1st Floor Offices, 2/8 Market Street
Wakefield, W. Yorks WF1 1DH

DISK PRICES
1 To 10 Disks £1.50
11 To 20 Disks £1.25
21 Disks or more £1.00
1 Free with every 10 you order!
UK Postage 50p on Disk Orders
Europe add 10%, R.O.W add 20% of total order value.
Min Overseas postage £1.00

PLEASE NOTE!
Disks with (AB) etc after the number denotes a multiple disk title.
PLEASE STATE WHEN ORDERING
Send an S.A.E. for a complete list of our PD, Licenceware and CD-ROM titles.

AMIGA PUBLIC DOMAIN

X3456 256 COLOUR ICONS
For use with WB3.0 only
3455 DELUXE GALAGA V2.4
Great space shootem!
3454 ROB'S HOT STASH #20
Loads more Mega utils!!
3453 FREE FORM 3D V1.88
030+ FPU required
3452 ROBS HOT STASH #19
You guessed it. More Utils!
3451 MOSAIC/AMITCP V1.2
Internet Utils
3450 (AB) AMITCP V3.0
Internet software
3449 BIG DUMMIES GUIDE
For the Internet of course!
3448 LIGHTWAVE OBJECTS
2 big objects & macros
3447 IMAGINE OBJECTS
Williams F1, Jumbo Jet
3446 (AB) MISSILES OVER XERION
Missile Command Clone
3445 (ABC) DEAD OF NIGHT
Multi language graphic adv.
3444 PROTTILER
Video titling stuff
3443 MENUS & MORE 3.12
Menu Utils etc.
3442 ROBS HOT STASH #18
HD required for these.
3441 VIRUS WORKSHOP 4.3
Up to date virus killers
3440 VMEM V2.1
Needs an M.M.U.
3439 IMAGINE OBJECTS
Babylon 5 stuff
X3438 FAST CARS CARDSET
For Klondike AGA
3437 (AB) EAGLEPLAYER V1.53
Bugfixed version
3436 EPU DISK STAKKER V1.70
Compress your hard drive!
3435 G-BLANKER V3.5
Screen blanking Util
3434 G-BLANKER '030
As above, needs 030 chip
3433 ROBS HOT STASH #17
3432 ROBS HOT STASH #16
Another Hot Util stash
3341 (ABC) NFA PRESENTS
Claudia Schiffer pix!
3430 THIRD DIMENSION #6
3429 THIRD DIMENSION #5
3428 THIRD DIMENSION #4
3427 THIRD DIMENSION #3
3426 THIRD DIMENSION #2
3425 THIRD DIMENSION #1
New series of Amiga disk mags
3424 (ABC) BODYSHOP 8
Nice Glamour Pictures!
3423 MANGLED FENDERS
Stock car type game

3422 TERM V4.1A EXTRAS
Archived, with no installer!
3421 TERM V4.1A 030 VERSION
Includes Docs. Archived.
3420 TERM V4.1A
Normal version with Docs
3419 MULTI USER V1.8
Hard drive protection util.
3418 IMAGINE 3 BITS
Attributes & fonts etc
3417 IMAGINE 3 BITS II
More attribs & fonts.
3416 SCION V3.13
Genealogical Database
3415 VIDEOTRACKER V2.0
Latest version!
3414 (AB) PAGESTREAM V3C
PATCH pagestream Updater
3413 CYBERPUNK #3
Cyberpunk Magazine
3412 X-MEN CARDSET
For Klondike AGA
X3411 START TREK TNG
Cardset for Klondike AGA
3410 MYTHOS GREEK
Greek Mythology disk
3409 THIRD DIMENSION #7
3D construction kit users mag.
3408 FACES CARDSET
3407 SWIMSUIT CARDSET
For Klondike AGA
3406 CG FONTS #20
3405 CG FONTS #19
3404 CG FONTS #18
Compugraphic fonts disks
3403 RADIATION V1.0
Excellent 3D cons. kit. game!!
X3402 EMPIRE STRIKES BACK
X3401 RETURN OF THE JEDI
X3400 DR WHO CARDSET
3399 CARTOON CLIPART II
Colour cartoon clipart!
3398 JUDGEMENT DAY
Nice game!
3397 (ABCD) KLONDIKE 3 AGA
Best version available!
3396 MARILYN MONROE CARDSET
For use with Klondike AGA
3395 (ABC) THE ICON ARCHIVE
Over 3500 icons!!
3394 THE ICON ARCHIVE MWB
Magic workbench Icon archive!
3393 INDYCAR CHALLENGE
Car Racing/Management game
3392 FLAMING ENGINES
A SUPERB super sprint clone!
3391 CG FONTS #17
More CG fonts.
3390 BIRTHDATE HISTORY V2.21
What happened when you were born?
3389 (AB) JINX
25 level puzzle game!

3388 MR BROWNSTONE
Boulderdash type game
3387 CHESS PUZZLES & TUTOR
No chess game included!
3386 (AB) STARTREK GUIDE
Comprehensive Episode guide.
3385 (AB) MAG. E ISSUE 5
More Sci Fi stuff!
3384 SONIC DRUMKIT V2.0
Good Synth drum kit
3383 ROBS HOT STASH #15
Nice mix of new utils.
X3382 WB3.0 BACKDROPS
79 superb backdrops
3381 ROBS HOT STASH #14
Mor superb utils!
3380 (AB) GRAPEVINE 20
Yes! Its here at last!
3379 THE FAR SIDE SLIDES
Alternative slideshow!
3378 SEKA 32 PRO
Adventure compiler (demo)
3377 SPELLTRIS
Spell words as they fall
3376 WORDPLAY
5 word puzzle games
3375 M.U.I. V2.2
Enhance Workbench
3374 ROBS HOT STASH #13
Superb Hot batch of utils
3373 ROBS HOT GAMES #9
2 excellent games
3372 MAGIC EXPANSION
For use with M.U.I. & M.W.B.
3371 (ABCD) ADOBE FONTS
For use with Imagine 3
3370 EVILS DOOM
Dungeon Master (ish)
X3369 COMPLEX 'PEEWEE'
Great AGA only demo
3368 CASSINI V3.2
Detailed Astronomy prog
3367 ZYRAD II
Puzzle / Arcade Action
3366 ROCKETS
Great thrust clone!
3365 AREXX GUIDE
Beginners start here.
3364 KIDS DISK 6
More educational stuff
3363 TEE TO GREEN V1.1
Golf scorer & stats
3362 PROBOARD
PCB Designer
3361 SANTA & RUDOLPH
Excellent Platformer!
3360 IMAGE STUDIO
Image conversion etc.
3359 CG FONTS #16
3358 CG FONTS #15
3357 CG FONTS #14
More lurvely CG fonts!

F1 LICENCEWARE

F1 PRICES

- 1 DISK F1 TITLE £3.99
- 2 DISK F1 TITLE £4.99
- 3 DISK F1 TITLE £5.99
- 4 DISK F1 TITLE £6.99
- 5 DISK F1 TITLE £7.99

THE NUMBER IN BRACKETS AFTER
THE DISK CODE DENOTES THE
NUMBER OF DISKS IN THAT SET

F1 045 T-TEC MAZE
F1 044(3) BLACKBOARD V3.0
F1 043(5) MAGPIES CLIPART
F1 042(2) KIDS CLIPART
F1 041 GP MANAGER 94
F1 040(2) HENRYS HOUSE
F1 039 TWO CAN PLAY
F1 038 AMBASSADOR PRO
F1 037 SUPER BINGO V2
F1 036 MONEY CASCADE
F1 035(3) CHILLY CHAVEZ
F1 034 F1 CHALLENGE V2
F1 033 POWERPLANNER V1.1
F1 032 WORD POWER V2.0
F1 031 POWERBASE V3.30
F1 030 FORTRESS 1 MEG
F1 029(2) AERO DIE NAMIX
F1 028 CLINDEX V1.0

F1 027 THE STATES OF EUROPE
F1 026 TAKE A LOOK AT EUROPE
F1 025(2) ART SCHOOL V1.1
F1 024 MATHS MONKEY
F1 023 PICK N STICK
F1 022 ASK ME ANOTHER
F1 021 MULTIPLAYER YAHTZEE
F1 020 IMPACT
F1 019 TOUCH N GO
F1 018(4) RELICS OF DELDRONEYE
F1 017 F1 MUSIC VOL #1
F1 016 ART SCHOOL
F1 014 TOTS TIME
F1 013 THROUGH THE RED DOOR



F1GP-ED: Oliver Roberts' F1 Grand Prix editor lets you customise just about every aspect of Microprose's brilliant racing game.

← rather slow) Workbench 2.0 front end, *SIP* lets you peek at your system's libraries, fonts, vectors, hardware, resources and so on.

SnoopDOS 3.0 – The star of last month's *Amiga Format* Subscribers' Superdisk, *SnoopDOS 3.0* is the most powerful DOS monitor available. It provides a simple way of monitoring what files and resources a program expects to find when it is loading.

But *SnoopDOS* really comes into its own when you are installing software on to a hard disk because you can see at a

glance what files it expects to find in order to load correctly.

SysInfo – No compilation is complete without Nic Wilson's *SysInfo*, a utility that lets you examine the innards of your Amiga. *SysInfo* displays all manner of useful specification-type details, such as how much memory you possess, which Operating System version you have, the type of graphics chips and processor and so on.

SystemGuide – This is a database in *AmigaGuide* format of the Amiga

system files. *SystemGuide* provides explanations of what each and every library, device, handler and filesystem does – and lots of other techie facts. *SystemGuide* is an invaluable reference work for programmers.

TOP HAT WILLY (Ground Zero Software)

The 8-bit home micros have a lot to answer for if this new game from Ground Zero Software is anything to go by – which, incidentally, *Amiga Format* subscribers will find on this month's Subscribers' Superdisk. *Top Hat Willy* draws its inspiration from the classic 8-bit platformer, *Jet Set Willy*.

Jet Set Willy may be rather long in the tooth these days but veteran computer owners are sure to love the similarities. Like Software Projects' platform classic, *Top Hat Willy* is filled with weird and wonderful objects such as scissors, razor blades and knives, all of which roam the haunted castle that Willy must explore.

Dotted around the castle are a series of shimmering bells that Willy must collect in order to complete the game. Using a combination of baddy-dodging and platform-jumping skills, Willy must avoid the baddies while collecting all the bells.

Nostalgia fans will delight in *Top Hat Willy*.

WHERE TO GET THE
DISKS IN PD SELECT
THIS MONTH

KEW-II,
PO Box 672, South
Croydon, Surrey
CR2 9YS.
Tel: 0181 657 1617.

F1 Licenceware,
31 Wellington
Road, Exeter,
Devon EX2 9DU.

OnLine PD,
1 The Cloisters,
Halsall Lane,
Formby, Liverpool
L37 3PX.
Tel: 01704 834335.

Freestyle PD,
108 Woodside Way,
Short Heath,
Willenhall,
West Midlands
WV12 5NH.
Tel: 01922 404023

17 Bit Software,
1st Floor Offices,
2-8 Market Street,
Wakefield, West
Yorkshire WF1 1DH.
Tel: 01924 366982

**Ground Zero
Software,**
4 Chandos Road,
Redland, Bristol
BS6 6PE.
Tel: 0117 9741462

TOP 10 PUBLIC DOMAIN TITLES

The kind supplier of this month's
top 10 chart is:

**ROBERTA SMITH DTP
(0181 455 1626)**

1. Kids Disk 6
2. Australian Clip Art 15
3. Colonial Conquest
4. Student Aid 2
5. Charlie Cat: Jap Cat Japes
6. Cinema Fonts 3
7. Wipeout
8. Grinder
9. Grapevine
10. Lunchtime 5



TOP HAT WILLY: The author makes no reference to similarities, but I'll eat my hat if *Top Hat Willy* doesn't bare a striking resemblance to *Jet Set Willy*!

DEADLOCK

Issue 9 (Ground Zero Software)

While *Grapevine* magazine is simply loaded with information that's interesting, if not fascinating, the majority of it is a little dry and takes itself more seriously than it should. *Deadlock*, on the other hand, could be called *Deadpan* due to its tongue-in-cheek sense of humour and pacy narrative.

Deadlock is rude, crude, crass, sexist, puerile, disgusting, unclean and infantile. But, despite all that, I love it. It's the first time for simply ages that I have been close to tears with laughter.

Oh, and as a last warning, if you are under 18, don't buy this and show



DEADLOCK: Slow in parts but the rest grabs your interest and hangs on.

it to your mum. *Amiga Format* wouldn't like parents to think that we were peddling corruption.

So hey, be careful out there and remember to keep shtoom.

ACTIVE SOFTWARE

Dept AF1, P.O. Box 151, Darlington, County Durham DL3 8YT
Tel/Fax: (0325) 352260 enquiries@active2.demon.co.uk

Public Domain Prices

Public Domain	99p
Postage on all orders	75p
Catalogue Disk	50p

catalogue disk contains our entire collection, hardware, F1 Licenceware and CD's!

Disk Pack Prices

1 Disk Pack	£0.99
2 Disks Pack	£1.89
3 Disks Pack	£2.79
4 Disks Pack	£3.69
6 Disks Pack	£5.49
8 Disks Pack	£6.99

BUY 10 PUBLIC DOMAIN TITLES AND GET 2 FREE
- offer only applies to public domain titles at 99p and not Disk Packs -

Greatest and Very Latest Utilities

U076 WB3 HD INSTALL DISK [WB3]
Prep, format and install WB to your Hard Drive.
U108 PC AMIGA v2.3
A set of tools for Amiga and PC owners. Copy, transfer, edit and back-up PC files.
U132 C84 EMULATOR v3 [2D]
The latest version of the C84 emulator.
U184 A600 HD INSTALL DISK
Install a hard disk on your A600.
U230 TOOLS DAEMON V2.1 [WB2+]
Add tools to your Workbench Menu.
U239 RE-ORG v3.11 [WB2+]
Re-organise your diskhard disk.
U251 PC-TASK V2.03 [WB2+]
A demo of the excellent PC emulator. Load PC programs directly from the emulator.
U289 AGA SCREEN BLANKER v1.01
A screen blanker created for AGA machines.
U302 VIEWTEK v2.01 [WB2+]
Viewtek can show many picture formats including JPEG and the AGA screen modes.
U317 ACTION REPLAY PRO [AGA]
Action Replay for the A1200/A4000. Rip songs, grab pictures, load in cheat codes!
U318 VIDEOTRACKER DATA [4 Disks]
Loads of data files for use within Videotracker.
U319 SID PRO v2.01A [WB2+]
The greatest PD File Manager. Copy, move, delete, rename, uncompress and compress files.
U326 TEXT PLUS v5.01 [2MB] [WB2+]
Another PD Word Processor. This rivals Pro Text.
U336 EPOCH MASTER V [WB2+]
Address, telephone manager and to-do organiser.
U349 LIBRARIES - DATATYPES
Do you ever need a library? Here's a collection!
U352 MAGIC WB v1.2P [WB2+]
The latest version of the 8-colour icon replacer. A must-have for all Amiga users!
U354 RABDENCH v1.7 [1.5MB]
Run Workbench from RAD. So fast!
U355 STEREOSCOPE v2.4A [WB2+]
Stereoscope is an RDS generator. Create the 3D hidden pictures as seen in stores such as 'Athena'.

U357 CD32-COROM GAMES
Make the games on magazine CD's work on CDTV/A570 and other Amiga CD devices.
U359 TELETEXT v1.20 [WB2+]
Create a internet receiver with your Amiga.
U370 ASSIGNS MANAGER [WB2+]
Makes assigning easy with a graphic interface.
U371 PC RESTORE v2.50 [WB2+]
Restore PC hard disk files onto your Amiga.
U376 POWERCACHE v37.115 [WB2+]
Speed up your Hard Drive access with this cache program. Versions for 05, 020, 030 and 040 CPUs.
U379 DESKTOP MAGIC v2.0 [WB2+]
This program allows you to assign sounds to Workbench functions like mouse clicking etc. It is also an excellent screen blanker.
U397 SECURITY v3.71a [WB2+]
Prevent unauthorised access to your Amiga.
U401 SPECTRUM EMULATOR v2
Play Spectrum games on your Amiga. There are versions for the 10 and 120 processors.
U402 HD CLICK v2.7 [WB2+]
Access programs with an easy to use menu.
U403 DISK MAG CREATOR v1.21
Create your own disk magazine!
U405 M.U.I. v2.2 [WB2+]
Magic User Interface. Create G.U.I.s. Improve your Workbench even further.
U408 OSK SALLY v2.31
This is the best disk file repacker in the Public Domain. Undelete/deluge files and repair disks.
U414 DISK MANAGER v4 [WB2+]
Catalogue the contents of your disks. Then you are able to list them for your friends.
U415 GAME WAPPER v1 [020]
Process-on-line Wapper contains many ready-to-go game cheats as well as an Action Replay cheat input ability.
U416 AMIGA DOS GUIDE v1
Learn how to use your Amiga and DOS.
U420 ACCOUNTS MASTER v3C [WB2+]
Keep track and control of your finances.
U422 SPECTRUM EMULATOR [AGA]
An AGA Spectrum emulator. Very fast!

U423 PROGRAM LOADER
Access your utilities, games etc from your hard drive. Similar to HD Click in action.
U425 VARKS CLI TOOLS v6
Another superb collection of CLI utilities.
U432 VIRTUAL WORLDS [WB2+] WOW.
This is a 3D isometric atmosphere which allows you to move around a 3D object. Get this!
U433 FINAL WRAPPER + MACROS
Loads of macros for text effects in Final Writer!
U434 EDWORD PRO v5 [WB2+]
Edword Pro is the most comprehensive and easy to use word processor on the PD market. Get this!
U435 MOVIE GUIDE v2.04 [WB2+] [2 Disks]
This contains loads of catalogued movies.
U438 256 COLOUR ICONS [AGA]
This is like having Bodyshop as icons.
U439 AUTO STEREOGRAM v20 [WB2+]
Latest version of the hidden picture producer.
U440 SNOOPDOS v3 [WB2+]
Use Snoopdos to monitor program activity. Ideal for finding out why programs won't work!
U444 TEE TO GREEN v1.1
Tee to Green is an excellent golf statistics program.
U445 VMM v2.1 [WB2+] [030/040/MMU]
Use your hard drive as virtual memory.
U446 TERM v4.1a Patch
Use the TERM v4.1a to v4.1a with this patch.
U447 KIDS DISK 6
Latest disk in the Kids Disk range.
U448 DMS PRO v2.04 [WB2+]
Latest version of the disk cruncher. Crunch whole disks into files. Save storage space.
U451 MENU MENU SYSTEM
Written by Nico Francois this is similar to MenuMaster III but much better. Excellent menu system.
U452 EAGLEPLAYER v1.53 [WB2+] [2D]
Play a myriad of different modules with this player.
U453 MAIN ACTOR v1.55 [WB2+]
Latest version of the excellent module animation system. Buy this!
U454 VIDEOTRACKER 2 AGA
The AGA unregistered version of the demomaker.

U455 VIDEOTRACKER 2 OS VERSION
The version CU Amiga forgot! For non-AGA Amigas.
U456 GBLANKER v3.5 D20 VERSION
Excellent modulated screen blanker. Comes with many modules including the popular Puzzle.
U457 GBLANKER v3.5 [WB2+]
Version for all Amigas with 00 processors.
U458 CROSS MAC v1 [WB2+]
A demo of the program that allows you to read high density Apple Mac disks on HD Amiga drives.
U460 PAGESTAMP v3B/C PATCH [2 D]
You need this to upgrade from 3.0 to v3.1B then to v3.1C. After this purchase the D patch and you're done.
U464 VIDEO TEST SYSTEM [2 DISKS]
A program to test the video signals on a VCR.
U465 PAY ADVICE ANALYSER v4.2
Keep records of your wages, tax deductions etc.
U467 T. U.D. E. v1.00
The Ultimate Degradator and Enhancer can be used to degrade A1200's and upgrade an A500.
U469 FILTHY LUCRE v1.32
From the pay-who-stole Epoch Master here is a superb accounts program for small business.
U470 ART OF NOISE v1
This is a decent multitasking sequencer which has similarities to the famous Octamed.
U471 P.F.S. v9.5 [WB2+]
PFS replaces your DOS drivers and speeds up all disks access with your floppy drive.
U472 ALL NEW AGA ICONS
These are 256 colour icons which are excellent on an AGA machine. Loads here.
U474 APLAYER v1.0 [WB2+]
APlayer is a decent module player which even allows you to play and save the samples.
U475 RELOKICK v1.4A FINAL
Relokick is the most popular degrader around. Forget the fake v1.41, this is the real thing.
U476 CHEATLISTER v2.06 [2 Disks]
Cheatlister is a two-disk extravaganza containing loads and loads of old and new cheats for games.
U479 MORE 256 COLOUR ICONS
Even more AGA icons for your machine.

U481 LOTTERY WINNER [AGA ONLY]
The program allows you to input all the winning lottery numbers each month, to see if there is a correlation and complex statistics/predicts numbers!
U485 VIRUS WORKSHOP v4.50
Probably the best virus killer in the world.
U484 BUTTON MENU v1.21
Button Menu allows you to design and customise your own menu system.
U485 EXOTIC RIPPER v2.26 [WB2+]
The professional tool for ripping modules.
U486 VIRUS CHECKER v4.45
The latest version of the excellent virus checker.
U487 BIRTHDATE HISTORY v2.21
Allows you to enter your date of birth and will then print out a list of events which happened on that day. i.e. the best selling record, news, prices etc.
U488 PRO BOARD v2.2
This is a PCB designer which allows extensive freehand drawing and component creating. Boards allowed up to 7.5 x 7.5 inches.
U489 MENUS - MORE v3.12
You are able to create graphic oriented screen menus. Create a GUI to start your programs! Superb stuff, no programming knowledge needed.
U490 PAGESTAMP v3D PATCH
You need patch C before you install this patch.
U491 PRO TITLER v1.1 [WB2+]
Pro Titler is a decent video titler, if some what disabled in the shareware version, for the Amiga.
U492 AMIGA X v1.16 AGA
Amiga X is another great image processor. This needs M.U.I. (U405) to be operating.
U493 A.I.B.B. v6.1
Allows you to check the speed of your Amiga.
U494 TERM v4.2 [WB2+] [3 Disks]
Term is the most powerful communications for the Amiga. An excellent all-round program.
U495 TERM v4.2 030 [WB2+] [3 Disks]
030/040 processor version of TERM.
U497 PAGESTAMP v3E PATCH
The very latest PageStamp 3 patch. Things are getting much better! You need D patch before this.

Greatest and Latest Demos

D055 SPACEBALLS "STATE OF THE ART"
An absolute classic demo. Superb stuff!
D067 A1200 "POINT OF SALE" AGA
Used in France to promote the A1200.
D088 MADONNA "SEX" DIGIPICS [3 DISKS]
Madonna in all her black and white glory!
D095 SPACEBALLS "9 FINGERS" [2 DISKS]
Another classic. Improved "State of the Art".
D099 COMPLEX "ORIGIN" AGA [2 DISKS]
Excellent AGA demo from Complex.
D100 VIRTUAL DREAMS "FULL MOON" AGA
D112 AXIS "BIG TIME SENSUAL" AGA [2D]
Must be in the all time wanted list!
D113 KEFRENS "INTERCHANGE" AGA
D115 MYSTIC "VITAL" AGA
D122 COMPLEX "REAL" AGA
The best AGA demo from Complex.
D125 RAM JAM "TASTE THE..." AGA [2D]
D127 OXYGENE "QUICZO"
A very good non-AGA demo, for once!
D128 MINA OMISTAN AGA
A "video" type demo. Worth seeing.
D130 FAULTLIGHT "LOVE" AGA [2 DISKS] [2MB]
Another popular demo by Virtual Dreams.
D132 ABSOLUTE "CREAM" AGA
D133 STELLAR "MINDFLOW" AGA
Number one at the Assembly '94!
D135 POLKA BROS. "ARIEL ULTRA" AGA
D136 POLKA BROS. "GEVALIA" [1MB]
A superb non-AGA demo. Get this!

D142 RAGE "MAXIMUM OVERDRIVE II" AGA [3D]
Wow! This is great and lasts for ages.
D147 V.D. "BREATH TAKER" [5 DISKS] [4MB]
This is an imagine object type demo.
D148 URBAN "SOME JUSTICE '94" AGA
This has a superb soundtrack. Must be heard!
D151 DIGITAL "SEVENTH HEAVEN" AGA
D153 COMPLEX "SEDUCTION" [2 DISKS]
Back with a decent music disk this time!
D154 SPACEBALLS "THE SUPERNAO TAPES"
D156 BETON DESIGN "RUMBLE RIBBLE" AGA
This is very good design what CU Amiga gave it!
D158 REBELS "SWITCHBACK" AGA [2 DISKS]
One of the best AGA demos this month.
D160 OZONE "THE SWAMP THING"
D163 PRODIGY "NO GOOD"
D164 TRSI "ARTIFICE" AGA [2 DISKS]
A reasonable AGA demo from the demo "gods".
D165 INFECT "DO YOU BELIEVE?" AGA [2 DISKS]
An excellent AGA demo. Check out the landscapes!
D166 TSB "VENTILATOR" [AGA] [2MB CHIP]
A very decent rare demo.
D167 NEOPOLASIA "BAM BOOZE"
Another rare demo!
D168 MOVEMENT "NUMB"
If you haven't got this, then buy it. Short but good.
D169 DUPLO "MY MAMMA IS A VAMPIRE" v3 [2D]
This really has to be seen. Very good and long demo.
D170 FREEZERS "WIT PREMIUM" AGA
Get this! Get this! The best AGA demo for ages!

GM22 MISSILES OVER XERION [2 DISKS]
Excellent defender type game.
GM27 MR. MEN OLYMPICS [2 DISKS]
GM41 TETRIS DUAL [AGA]
GM45 ROAD TO HELL [1.5MB]
Superb car racing game.
GM55 BACMAN [AGA]
GM60 BAZZA AND RUNT AGA
Wow! This platform game is a must!
GM65 THE SHEPHERD
GM67 BLACK DAWN II
GM73 KNIGHTS v2.5
A sabre-wolf type game. Superb!
GM75 CYBER CORPORATION [2 DISKS]
Wow! Alien Breed type game - superb GFX!
GM76 SCRABBLE
GM78 STARWOLDS [1MB] [2 DISKS]
Thrust and odds mixed - very addictive game.
GM82 NANOPLY v1.05
GM83 ZOMBI APOCALYPSE II
GM88 MONOPOLY v1
GM92 ROCKETZ AGA
Get this now! This is a superb 2 player game.
GM96 GREEN FIVE
Flashback clone with decent graphics.
GM97 TOP HAT WILLY
An Amiga "Jet Set Willy" rip-off. Addictive!
GM99 SANTA AND RUDOLF DO XMAS
GM102 SOLO ASSAULT
GM103 SUPER BATTLE ZONE

GM104 ART OF BREAKING HEADS [6 DISKS]
Excellent! A PD version of Streetfighter. Get this!
GM105 DYNAMITE WARRIORS ZGM106
DELUXE GALAGA v2.4
Latest version of the brilliant shoot-em-up.
GM107 AUTOMOBILES v1.11
Latest version of the "Skidmarks"-type game!
GM108 PACMAN 3DGM109 XMAS OBSTACLE
A game on the same lines as "Putty". Great!
GM110 XENEX
An Asteroids game with attitude!
GM111 IN THE DEAD OF THE NIGHT [3 DISKS]
A 3D detective adventure game. Superb stuff!
GM112 PUCMAN WORLDS [1MB CHIP]
A very decent Pacman clone with good graphics.
GM113 JINX [4 DISKS]
A 25-level, diamond collecting game. Amazing.
GM114 FLAMING ENGINES. WOW!
A superb Super Sprint clone. Brilliant!
GM115 POWER BATTLE
A two player shoot-em-up/thrust tournament.
GM116 DERRING DO
This is a puzzle game that's very addictive.
GM117 PUZZLE PITS 2
Simply solve the puzzles. Addictive.
GM119 CHANEQUES [2 DISKS]
YES, twice over! This is a "Lemmings" clone. You have three men with different abilities that have to get through a number of levels! Superb!



MAGIC WB EXTRAS

These packs contain tons and tons of extra icons, drawers and backdrops for the excellent Magic Workbench (U352).

Magic WB Extras Volume 1	[2 Disks]
Magic WB Extras Volume 2	[2 Disks]
Magic WB Extras Volume 3	[2 Disks]
Magic WB Extras Volume 4	[2 Disks]

£1.99 per Pack
or £7.49 for All 4 Disks

BITS 'n' BOBS

Bodyshop 6A AGA [2 Disks]
Bodyshop 7 AGA [2 Disks]
Cindy Crawford "The Works" AGA [3 Disks]
Elle McPherson "The Works" AGA [3 Disks]
Girls, Girls, Girls AGA [3 Disks]
Girls, Girls, Girls NON-AGA [2 Disks]
Claudia Schiffer "The Works" AGA [3 Disks]
Beach Babes AGA vol. 1
Beach Babes AGA vol. 2
Beach Babes AGA vol. 3
Beach Babes AGA vol. 4
Lingerie Babes AGA vol. 1
Lingerie Babes AGA vol. 2
Lingerie Babes AGA vol. 3
Lingerie Babes AGA vol. 4
Lingerie Babes AGA vol. 5
Lucifers Book of Shades [2 Disks]
Lucifers Unholy Innocence [2 Disks]
Lucifers Wicked Grimore
Weather Guide [3 Disks]
Photographic Lecture [2 Disks]
The Ultimate Quiz 2
Dummy's Guide to the Internet v2.2
5 Disks of Lighwave Objects [5 Disks]

HD GAMES INSTALLER II

Even more game installers added. Install the following games to your hard drive.
Does not remove copy protection.
Original disks needed
Aladdin
Bubble and Squeak
Alien Breed II AGA
Assassins SE
Body Blows II ECS
Body Blows
Goal
Jungle Strike
Mortal Kombat II
Ruff and Tumble
Super Stardust
Superfing
Walker
Zool II AGA
Elfmara
Ishtar II

99p

BODYSHOP 8 AGA

Now up to volume 8 the Bodyshop is a collection of the very best Girls in full AGA glory.
Get this now!

For AGA Amigas only £2.97

THE PROFESSIONAL DISK PACK COLLECTION

GET STARTED

Loads of stuff here to get the beginner or new PD buyer off the ground with his or her Amiga. Learning tools, basic and essential utilities, also some popular programs.

Word Processor
File Manager
Picture Viewer
Basic Tools
Amiga Guide
D.O.S. Guide
and others

[4 D] [WB2+]

CATALOGUERS + MENUS

This pack contains a collection of cataloguing utilities and menu systems which will be extremely useful for those users looking to construct their own disk packs, wanting a HD menu or are thinking of writing a disk mag and want an interface.

Backup Menu
HD Click
Menu Master
Menu System
R Menu
and many other programs

[2 D] [WB2+]

PROGRAM CREATING

Do you (or want to) design, make and compile your own file collections, PD packs etc? This pack is ideal for these users as well as PD library owners. The easy way to compile disks properly.

Commodore's installer
- docs
- examples on its use
- install scripts
How to write Amiga Guides
Loads of Essential Tools
Basic Disk Structure

[2 D] [WB2+]

DISK UTILITIES v2

This is an essential pack for all Amiga owners. Disk Copiers, repackers, crunchers, organisers, file management and more.

Here are some of the tools in the pack.
Disk Salv v2.28
Fix Disk v1.2
Re-Org v2.3
Super Deuper v3.1
No Erases v1.3
Filemaster II
Disk Mate v4
and many others

[2 D] [WB2+]

MOST USEFUL UTILITIES v2

This pack contains utilities to improve your workbench in terms of speed, usability and looks. Do you want your Workbench to look like the pictures in Amiga magazines? Well, now you can! Contains:

Tools Daemon v2.1
Magic Workbench Icons
GBLANKER v3-30 Screen Blanker
Magic Menu v1.9
ARQ
Magic File Requester
and many others!

[2 D] [WB2+]

HARD DRIVE TOOLS v2

A three disk collection containing the very best hard disk tools. We have sourced our library, other hard disk compilations and the Amnet to bring you clickable menus, backup programs, file managers, disk lockers, installers and much much more. An essential package for all hard disk users.

HD Click v2.6
HD Backup v4.06
Superback
HD Installer v1.04
AF Copy v3.51
and many others!

[3 D] [WB2+]

COMMS CONNECTED v2

Have you bought a modem lately? Are you looking for some decent comms software? Well, this pack contains some of the best software available. Also includes comms info.

N-Com v1
Terminus v200
Term v4.2
Mosac v2.1
FTP Daemon
TCP Version 3
Trapdoor v1.04
Guide to Comms
Guide to the internet
and more

[9 D] [WB2+]

PRINTER TOOLS

Fed up with your printer? Having trouble with drivers, printers and the speed of the print-out? If so, then this pack could be for you. Loads of tools and utilities for every printer user.

Spoolers
Jobs of printer Drivers
Print Managers
Label and Address Printers
much more

[3 D] [WB2+]

ENGINEERS TOOLKIT

A collection of diagnosis utilities which will examine and test your Amiga and its ports. Very comprehensive fault testers.

Also in this collection are tools to repair certain faults



[2 D] [WB2+]

CRUNCH MANIA

When compiling disks one important tool is the file cruncher, in order to improve disk space. This disk has them all! Crunch files, floppy disks and even expand your hard disk.

DMS Pro v2.02
LHA Tools
PP Minicrunch v1.2
EPU HD Stacker v1.4
Packit v1.18
and others!

[2 D] [WB2+]

VIRUS EXTERMINATORS v5

We should always be on the guard for new or old computer viruses. This pack contains the very latest in virus killers. They will hide in the background or stay resident in the foreground, checking your memory and disks when inserted. A must.

Virus Checker v4.45
Boot X v5.23B
with latest v2-18 Brain File
Virus Workshop v4.50
Virus Z II v1.11

[2 D] [WB2+]

COPIERS UNLIMITED

A collection of the finest PD disk copiers for the Amiga. All the best are here, including:

Superduper v3.1
SAFE II
D Copy v3.1
Tetra Copy
MCopy v1.4
and others

[2 D] [WB2+]

MSDOS TO AMIGADOS v2.4

MSDOS TO AMIGADOS was written to allow Amiga owners to use PC DOS commands through their CLI.

Use most of the normal PC commands such as 'DEL', 'ATTRIB' as well as the star wildstar!

A Must for all PC owners only 99p!

IMAGE STUDIO v1.20

The latest version of the very best public domain image processor. Rivals its commercial counterparts. Get this now!

Amiga Format - gave it 90%
CU Amiga - marked it 89%
A.U.I. - acclaimed it 96%
Amiga Computing - rated it 88%

[WB 2+]

only 99p

KLONDIKE III AGA

Klondike III is the latest version of this very popular 256 colour card game for all AGA Amiga users. Construct your own cards or buy some of the following:

Amiga Cards
Art Cards
Cindy Crawford Cards
Betty Page Cards
Hajime Cards
Sandman Cards
Marilyn Monroe Cards
Elle McPherson Cards
Star Trek Cards
Star Wars Cards
Return of the Jedi Cards
Empire Strikes Back Cards
Iron Maiden Cards
Dungeons and Dragons Cards
Swimsuit Cards
X-Men Cards
Faces Cards
Prenellion Cards
Sailor Moon Cards
Planeta Cards
Faces 2 Cards

All Card Decks 99p Each!

Klondike III CD-99 [AGA] [HD] [4 Disks]

IMAGINE

We stock the entire Ground Zero Software Imagine Objects Range

DISK COMPRESSOR

Disk Compressor is a new and powerful hard disk compressor for the Amiga. Firstly you must run the easy-to-use installer routine. Then, after installation, you access the Disk Compressor GUI and choose which hard drive partition to compress, after picking a compression library of your choice. You then click proceed and compression of the partition's contents will happen automatically. It's as easy as that, guaranteed.

- Full Documentation in Standard Text and © AmigaGuide Format
- Full On Line Help Throughout the Installation Process
- Easy to use Installer Routine
- Graphic User Interface Allows you to Choose Compression Options
- Statistify the Results of the Compression (check compression rates)
- With "How to Get Started" Laser-Printed Information
- Compress your Hard Drive and Save up to 50%!!

Save up to 50% on your Hard Drive Capacity for only

£5-99

AMIGA COMPACT DISCS

AMINET V - February '95 - Pre Order Now for £16-99
Due for release late February. Pre-order this CD now!

AMINET IV - November - Not CD32 NEW YEAR OFFER! £15-99
Contains all the Aminent uploads from July to November. 1.3 GB's!!

PHASE 4 - CONTINUATION 2 NEW YEAR OFFER! £15-99
This CD contains all 17 Bit's PD from 1994. Very Popular

UTILITIES 1 - 1500 £17-99
All PD-Soft's utilities from 1-1500. Too many tools to list!

HOTTEST 4 £17-99
Direct from PD-Soft: Games, Mega Demos, Disk Magazines, Music Titles, Rave Tracks, Samples. High Quality Images. Full BBS support!

LSD COMPENDIUM DELUXE Vol. 1
All of the LSD Legal Tools up to 149 and loads more utilities.

CDPD IV NEW YEAR OFFER! £15-99
Contains Fish to 1000. TBAG collection, AM/FM collection and more!

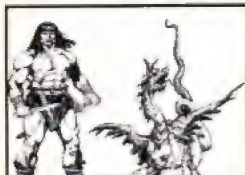
CLIPART CD £8-99
Over 600MB of Amiga clipart. This is our most useful CD!

ASSASSINS GAMES £17-99
All the Assassins games packs from 1-200 on this CD and more!

FRED FISH GOLD II - double CD - £27-99
All Fred Fish's offerings since Gold I. Get this for elusive PD titles.

RAYTRACER II NEW! £17-99
Absolutely full of Imagine/Lightwave objects and textures.

THEMED MONO CLIPART



TH01 MONSTERS
(1 Disk)



TH05 BUSINESS
(2 Disks)



TH06 CARTOONS
(1 Disk)



TH08 SCHOOL
(1 Disk)



TH10 BUILDINGS
(1 Disk)



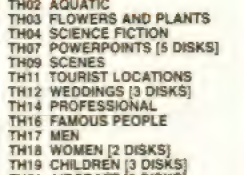
TH13 CATS
(1 Disk)



TH15 ANIMAL ANTICS
(1 Disk)



TH22 SPORTS
(3 Disks)



TH02 AQUATIC
TH03 FLOWERS AND PLANTS
TH04 SCIENCE FICTION
TH07 POWERPOINTS (5 DISKS)
TH09 SCENES
TH11 TOURIST LOCATIONS
TH12 WEDDINGS (3 DISKS)
TH14 PROFESSIONAL
TH16 FAMOUS PEOPLE
TH17 MEN
TH18 WOMEN (2 DISKS)
TH19 CHILDREN (3 DISKS)
TH21 AIRCRAFT (3 DISKS)
TH22 CARS
TH23 XMAS (3 DISKS)
TH24 ZODIAC (2 DISKS)

F1 LICENCEWARE

F1-01 MAGNUM PROFESSIONAL £3-99
Do you want to create a magazine like "Grapevine"? This program provides all you need, including the interface!
F1-44 BLACKBOARD V3 £5-99
The powerful image processor. 90% by Amiga Format
F1-18 RELICS OF DELDRONEYE (2 Mb chip) £6-99
An absolutely excellent "Simon the Sorcerer" type game.
F1-48 ERIK £3-99
This is a great commercial-like platform game. Get this!
F1-31 POWERBASE V3 £3-99
Powerbase is the most powerful database system in PD or licenceware. Very powerful with an easy-to-use G.U.I.

ORDERING DETAILS

WB2+ Works on Workbench 2 or 3 Only
WB3 Works on Workbench 3 Only
AGA For AGA Machines Only
[1 MB] Minimum Memory Needed
[2 D] Number of Disks
Outside UK but in E.U. add 10% to Total
Rest of the World add 20% to Total
Make all Cheques or Postal Orders payable to.
ACTIVE SOFTWARE

256 Greyscale Scanners

Touch UP, Merge It and Full OCR software.

Minimum system requirement 1Mb RAM, (2Mb and a Hard Disk to use OCR)



"King of the Scanners"
Just Amiga Monthly"
ACCESSORIES

Wrist Pads £3-50
CD Cleaning Kits £6-00
CD Drive Cleaning Kits £9-00
CD Boxes £6-50
Disk Banks from £5-50
Colourful Mouse Mats £5-00
Hard Mouse Mats £3-00

New Low Price
Including OCR

£139-00

CD ROM CONTROLLER

FOR A600 & A1200

(PCMCIA PORT) £39-95

A1500/A2000/A4000 £69-95

THE MULTIFACE III CARD

The Multiface card III expands the Amiga by adding 2 serial ports and 1 parallel port which work at the highest transfer rate £99-00

ALFA COLOUR

256K 18 Bit Colour Scanner for all Amiga Systems. Comes complete with Scanning Software and now with new Colour Correction facility.

£339-00

Trackball



£34-95

GOLD AWARD
WINNER IN ST
FORMAT 92%
ST REVIEW
91%

Stylish three button trackballs, with third button supporting auto fire and drag and hold
New touch and light two colour shining Crystal Ball

Optical Mouse



St Format 81%
CU Amiga 79%
Superb 300dpi Optical Mouse with effortless micro switch buttons. Fast, smooth and reliable.
Includes Optical Mouse Pad and Holder

£29-95

Optical Pen



A stylish Optical Pen Mouse with quality construction and smooth fast movement, micro switch buttons, ideal for DTP, artwork, etc

Includes Optical Pad

£34-95

IDE HARD DRIVES FOR AMIGA

A500/A500+/1500/2000/3000/4000 with optional Ram Upgradeable from 0 to 8Mb

SPECIAL THIS MONTH

Controller Plus 420Mb Hard Disk £279-00
Controller Plus 80Mb Hard Disk £249-00

HARD DRIVES FOR AMIGA

600/1200 with IDE Cable
60Mb Hard Drive £119-00
80Mb Hard Drive £125-00
120Mb Hard Drive £149-00
170Mb Hard Drive £169-00
250Mb Hard Drive £239-00
340Mb Hard Drive £299-00

RAM CARDS

A600 1 meg w/o clock £29-95
A500+ 1 meg w/o clock £29-95
A500 512K w/o clock £25-00
A1200 1 meg with clock £79-00
A1200 4 meg with clock £179-00
A1200 5 meg with clock £239-00
A1200 8 meg with clock £299-00
A1200 9 meg with clock £395-00

MIGRAPH

Full OCR for all Amiga's £49-95
Touch Up Upgrade V4.0 £35-00
Upgrade to full OCR £35-00

CALL US ON TELEPHONE HOTLINE:
0181 900 9291

Unit 65, Hallmark Trading Estate,
Fourth Way, Wembley, Middx HA9 0LB

GOLDEN IMAGE UK LTD

3 GREAT NEW STAR BUYS. PLUG 'N' PRINT WITHOUT COSTING A MINT

**LC 90
@
£129**



**LC 240
@
£149**



**LC 240C
@
£169**



Star's three latest mono and colour/mono printers are just what you want: traditional Star quality, low cost and economical to run. All three are packed with useful features like the dedicated Windows driver and a built-in sheet feeder. There's a choice of options for more demanding applications - including a tractor feed for only £15.00.

So take the hint and plug 'n' print with Star's brilliant new printers. Please return the coupon or phone **0494 471111** for details.

Rush me more info on Star's new LC printer range.

Name: _____

Company: _____

Position: _____

Address: _____

Postcode: _____



Star Micronics U.K. Ltd., Star House
Peregrine Business Park, Gomm Road
High Wycombe, Bucks. HP13 7DL
Fax: 0494 473333.

A division of Star Micronics Co. Ltd., Japan.

Prices shown are RRP excluding VAT.
Windows is a trademark of Microsoft Corporation.

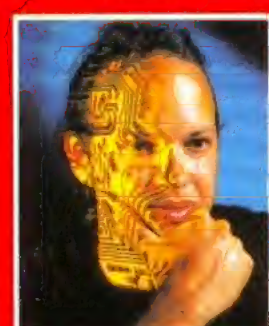
Available from Star Registered Dealers and Computer/Office Superstores Nationwide.

SERIOUSLY AMIGA



Can you tell what it is yet? Of course you can, it's one of those clever stereogram pictures, courtesy of *Personal Paint 6.1*. See page 100.

AMIGA FORMAT



GRAPHICAL LANGUAGE

There is an awful lot going on in these hallowed pages for those of you with an artistic bent (no, not you, Frank). We have not one, but two really stunning art packages for you. The first is *Photogenics*, as previewed last month. We are also fortunate to have the very latest version of *Personal Paint*, which now supports a whole load of things you'll probably never see in *DPaint*,

including those nasty stereogram things we have so ably demonstrated in the image above.

But, in the aftermath of the jolly successful *World Of Amiga* show, there is plenty for everyone else too. We've got programming tools, more CDs, modems, some rather nice looking desktop video equipment and the latest version of *CanDo*, the multimedia authoring tool. And there is so much new stuff being released for the Amiga, we've already filled up the next issue too!

NICK VEITCH

REVIEWS

PHOTOGENICS	90
More info on this amazing image manipulation tool we previewed last month. The most deserving <i>Format Gold</i> since <i>Lightwave</i> .	
VIDEOPILOT	94
Steve McGill, veteran bedroom movie maker (at least he says that's what he was doing) gets to grip with one of the the most stylish aids to desktop video.	
PERSONAL PAINT	100
It's got 24-bit printing, stereogram filters, retargetable graphics support – just what else can these prodigious Italians add to <i>Personal Paint</i> ?	
GAMESMITH	107
Jason Holborn does it the easy way with a new programming tool from HiSoft.	
MODEMS	110
They're quite small, usually black and have lots of flashing lights. That man Holborn sacrifices his first-born on the altar of the Net to get his hands on some fast movers.	
TERMITE	111
Is it a small insect which is the second largest producer of atmospheric pollutants or the latest Comms software from HiSoft?	
CD-ROMS	113
Jason Holborn rates and reviews all the latest CD-ROMS.	
PAGESTREAM 3.0C	115
Marcus Dyson reappraises the ill-fated Soft-Logik DTP'er. Does the new version work?	



Photogenics



Almathera's great new graphics software gets the full scrutiny of the ever image conscious **Nick Veitch.**

The obvious design philosophy behind *Photogenics* is a simple one – take the best of the image processing programs on other platforms (preferably ones which also begin with the word photo) and reinvent the best bits in a super Amiga-friendly piece of software. For the most part, this has been very successful indeed. If you were frustrated with *ADPro*'s lack of effects on user-defined areas or with *ImageFX*'s disappointing display, then this is the package you actually meant to buy.

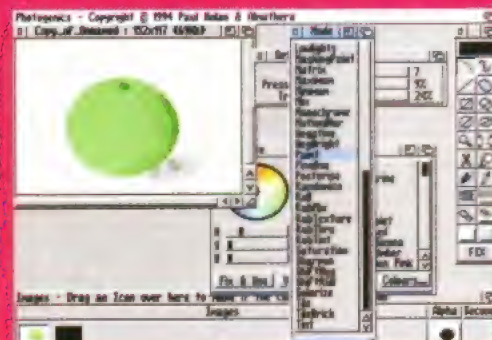
Before we get into the details, now might be the best time to talk about system requirements. AGA is not a necessity, but it is highly recommended. If you have an older machine, you will only be able to preview your work in greyscale mode, which is a bit of a limitation. Realistically, the rest of the restrictions mean you will have AGA anyway, because you also need WB3.0 and 2Mb of Chip RAM.

The most notable thing about these restrictions is how easy they are to comply with – a basic A1200 fits the bill. You don't need huge amounts of memory as you do with *ADPro*. This is mostly due to the cunning buffering systems involved.

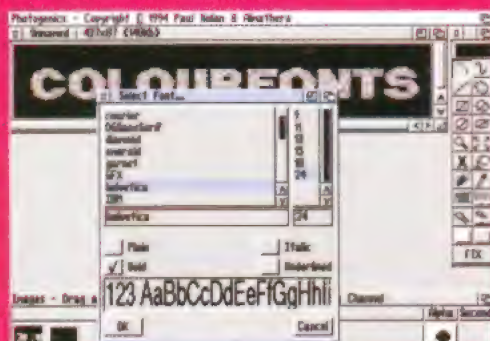
The program is object-orientated. You can have multiple images loaded at once (which is necessary for the Alpha and Rub Through modes anyway) and each image has its own window. These windows can be dynamically resized. This is all the more

This extreme enlargement is the illustration for the packaging, produced entirely with *Photogenics*.

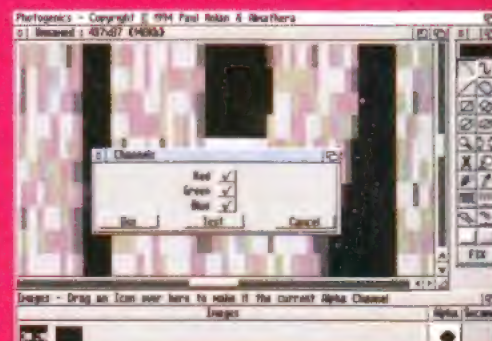
THE INTERFACE IN ACTION



Budding artists can experiment with a variety of media without ever getting their hands dirty. This is my interpretation of an apple by the way.



Font support is by way of a custom loader, so text is created in its own window, where it can be pasted on to other images. Colour fonts are supported.



Channels are supported in *Photogenics*, but this version only handles RGB files, so only three channels are available – which are, nevertheless, very useful.



Posterise, alpha channels and a bit of coloured noise can go a long way with software like this.

amazing considering how fast it happens – resizing an average window takes about four seconds on a HAM8 display. Speed characterises most of *Photogenics*' operations, from freehand drawing modes to JPEG saves. The flexible requester system means you can have many windows open at once, including the requesters for brush type, paint mode, palette, loaders and savers.

So finally we get to paint something. The first thing to do is to choose a brush type. Rather like *Opalpaint*, the brushes can emulate different types of media, from ballpoints to watercolour, and most conventional drawing implements are there. Because of the modular idea behind the brushes newer (and probably more bizarre) ones should be available soon.

After you have chosen your weapon, you should decide how to use it. All the brushes can be fine tuned to your requirements by indicating their size, pressure and transparency ratings. Then you can draw what you like, with either the freehand tool or one of the polygon tools.

Anything you paint isn't permanent until you choose Fix. This means that you can undo anything you've painted by clearing it all, or painting with the right mouse button. So you can paint in one effect, say Negative, and then decide that you'd rather the effect was Brightness – all you have to do is select the new mode from the list. It is also possible to adjust brush characteristics – basically you can change anything until you fix it. This gives an

MODULAR CONSTRUCTION

All the loaders, savers, brushes and paint modes exist as modules, rather like *ADPro*. This is a very good idea because it means that new features can be added at a later date. If someone suddenly launches a new graphic format, or you desperately need one that isn't covered in the release version it can be added without having to update the whole program.

Even better than that, Almathera are making the format of the modules publicly available. Unlike ASDG, who charged people to develop stuff for *ADPro*, you can now do it yourself. Even if you are not a top coder, the PD libraries are sure to be awash with PD loaders and paint modes before long.

FIND YOUR WAY AROUND THE TOOLBAR

Freehand Mode: Standard freehand drawing, as seen the world over.

Polygon Tools: Draw squares, ellipses and other polygons, filled or not.

Magnify: Zooms in on the window. There is no separate window for the zoom, the current window contains the resized image.

Cut Brush: Creates a new image from the defined area.

Smear: Just like rubbing your finger over the image when it's still wet.

Mode: Selects the painting mode. Choose from a huge cast of thousands.

Brush: Choose your weapon, there are 13 brushes in the release version, with the promise of more to come.

Fill Paint Layer: Fills the current paint layer.

Fix: Makes current paint layer permanent. You can undo if the undo feature is enabled.



Continuous Freehand: An incredibly fast freehand drawing tool.

Filled Area: The area that you draw in freehand is automatically filled.

Zoom Out: Returns the image to its initial view size with the correct aspect ratio.

Fill: You can fill with defined tolerance and use any paint mode you like (including Clone for some weird effects).

Pipette: Selects the current colour from anywhere in the *Photogenics* image.

Mode Parameters: For use with the modes that have adjustable features.

Brush Preferences: Adjusts the transparency, pressure and size of the brush.

Undo Painting: Clears all painting since the last fix.

amazing degree of flexibility because you can paint the effect and then adjust it to suit your needs at the end.

Photogenics can take a while to get the hang of, particularly if you are used to one pixel on the screen representing one pixel of your image. Alpha channels are used in quite an unusual way in that they are actually images themselves. To use any image as an alpha channel, it is dragged to the Alpha box in the Images toolbar. Then all painting modes, including composition,

are determined by this channel. If you can't create your own superb alpha channels, take advantage of one of the custom loaders which generate effects for you, such as ripples, streaks and patterns.

The scope for updating and adding to the program at a later date make it an almost timeless piece of software. The only notable omission is *ARexx* support, which means *ADPro* will probably remain the favourite for batch processing – at least until the next version of *Photogenics*...

PHOTOGENICS

DISTRIBUTOR

Almathera 0181 687 0040

PRICE

£54.95

SYSTEM REQUIREMENTS

WB3.0, 2Mb RAM

SPEED

Superbly fast on the redraws, and many of the processing effects. The Fill Mode is a bit slow.

MANUAL

An impressive ring-bound tome complete with examples, tutorials and reference sections.

ACCESSIBILITY

After about half an hour, using this software is second nature. If you can use Workbench, you're an artist.

FEATURES

The only thing really missing is *ARexx*, and a couple of effects such as spherize and twirl.

VALUE

Affordable and excellent – this must get the best value *Amiga Format* score in recorded history.

"Photogenics is the image manipulation tool the Amiga has been waiting a long time for."

95%

On Tuesday 7th February, something big happens to *the serious* **Amiga magazine.**

**Britain's best-selling
magazine for creative
Amiga users gets a
brand new look...***

**Along with two disks
packed with complete
programs, unmissable
utilities and exclusive
demos of the latest
Amiga releases.**

**On sale Tuesday 7th
February
£3.95**

* PS But we still
don't do games –
we'll leave that to
Amiga Format and
Amiga Power, OK?



£1 off at WH Smith

Exclusive to Amiga Format readers, you can claim your new-look copy of Amiga Shopper for just £2.95 on presentation of this coupon.

Terms and Conditions

1. This voucher entitles the bearer to £1 off the cover price of the March issue of Amiga Shopper when purchased at WH Smith.
2. The offer is exclusive to WH Smith.
3. Not exchangeable for cash or any other merchandise.
4. This voucher cannot be combined with any other promotional voucher or staff discount.
5. Valid until 10th March 1995.

Receipt no.

Till no.

Staff initials

**SPECIAL
OFFER!!!**

**The new Amiga Shopper.
Be part of it!**

The serious magazine for creative Amiga users

AMIGA SHOPPER

Videopilot



AF video expert **Steve McGill** checks out the *Videopilot* editor, which has taken a drop in price since being picked up by Ambervane. But is it better value than before?

Every computer-based video editing suite lets the editor execute a pre-prepared edit list of video clips or FX. Much like a word processor, this list can be cut, pasted and generally swapped around to your heart's desire. This gives the editor incredible flexibility.

Most of the price of an Amiga-based edit controller depends on the machine protocols it can handle, the number of machines it can control and the extraneous features it's capable of, such as reading and writing time code and controlling external video equipment such as video or sound mixers.

The *Videopilot* from V3i costs just pennies under £1,000, and at first, the price might make you balk. But before you make your mind up, it's worth considering what you get for your money and comparing it to similar units.

The editor can control up to three source video machines, one recorder and a remote accessory. The *Videopilot* also reads all of the current consumer time codes on the market and reads and writes Longitudinal Time Code on to blank and pre-recorded tapes.



After selecting the machine protocol which should drive your deck, the transport controls are tested from here with the Videopilot keys.

It comes housed in a snappy-looking, functional, beige box which is a mite taller and a smidgen shorter than an A1200. It sports 10 rubber function buttons, five large transport mechanism keys, a huge jog shuttle dial, and an Enter key. Support is provided for the four main consumer control protocols: Infra-Red, Panasonic 5 pin, Sony's Linc or Control-L and JVC's 3.5mm socket.

In other words, the *Videopilot* integrates into just about any video set-up. Be it as simple as a camcorder and video recorder or as complex as three video sources, a video recorder, a video mixer and a genlock. The software is simple to use and easy to set up. It can be run from floppy or hard drive and it multitasks. Little or no conflict is experienced when other programs are running and it works with any Amiga with 1Mb of RAM. Connection is made via the serial port and the software doesn't function without this connection.

One of the main criticisms of the *Videopilot* is the software. In an attempt to simplify its use, certain control functions have been disabled. So, if you want to cue up one of your source decks to a particular spot on a tape for an edit-in point, you've got to use the transport keys on the *Videopilot* console itself.

Furthermore, you can't even use the transport mechanisms on the source deck directly. Only the *Videopilot* console controls can be used and although this may make it easier for the novice to use, for anyone who knows their way around desktop video, it's an inconvenience and feels like a restraint on the true potential of the machine.

And while we're talking about restraints, unlike other computer edit decision lists, Cue In and Out points can't be entered directly into the list via the Amiga's keyboard. Instead, you have to highlight the cue point on the list and adjust the value using either the keyboard plus and minus keys or a software adjuster.

This slows everything down considerably, especially if you've already created an EDL (Edit Decision List) using the burnt in time code option (check out the Burnt In Time Code box to the right)

Continued overleaf →



In order to create an executable EDL, all shots have to be logged in using the Enter key on the *Videopilot* console. While limited manual adjustment is possible, it would have been much better if figures could be typed in directly from the Amiga.



Stripe tapes with Linear Time Code from here. (above) You can also use this screen to burn in the clock on the right.

BURNT IN TIME CODE

One of the incredibly powerful features of the *Videopilot* when combined with a genlock is the ability to burn in a visible time code on to video footage. At the same time LTC can be written on to the linear sound track.

Burning in and writing time codes on to second generation tapes opens the floodgates for creative experimentation and offers power to the adventurous editor previously undreamt of with consumer equipment.

It means that figures shown on-screen could be entered directly into the Edit Decision List (EDL), played around with, tweaked and experimented with until a satisfying playing order and duration has been reached. Unfortunately, figures can't be typed directly into the Edit Decision List which more than hampers the potential and convenience of the feature. Hopefully Ambervane will change this in the near future.

TIME CODE

There are four types of time code that *Videopilot* makes use of:

Counter Pulse: Not strictly a time code. It is the counter pulse that keeps the video picture stable and synchronised. Unfortunately, counter pulses can never be as accurate in editing as time code because there's no way of differentiating between one pulse and the next. Counter pulse information is transmitted along the control line connected to the source machine and the *Videopilot*. It's perfectly adequate for carrying out simple editing jobs that don't require a high degree of accuracy.

RCTC: Rewritable Consumer Time Code is Sony's time code protocol that can be written on to Hi8 and 8mm tapes after the footage has been shot without losing a generation. The time code

information is transmitted along the Linc control wire and read by the *Videopilot*. Of the three real time codes, Rewritable Consumer Time Code is the only one that can be read while the source machine is in pause and search modes.

VITC: With Vertical Interval Time Code the time code is embedded in the vertical blanking interval of the video picture. Consequently, the picture information is read by the *Videopilot*. Although VITC is potentially as accurate as LTC or RCTC, with consumer equipment it is rarely reliable enough. The *Videopilot* lets you check the dependability of VITC encoded tapes.

LTC: Longitudinal Time Code, unlike VITC or RCTC, LTC is an audio signal. It's recorded on to the mono linear audio track of a source deck. Besides reading LTC, *Videopilot* also writes LTC. This means that any video machine with audio dub can be 'striped' with this code. Assuming that



Test the reliability, integrity, and line placement of Vertical Interval Time Code from here.

the record machine is hardware controlled, frame accuracy is easily achieved.

PRE-ROLL AND POST-ROLL

When the pause command is issued to a video recorder in recording mode, it typically backspaces in the region of around 25-40 frames. Then, and only then, does the tape come to a complete rest. This is known as the post-roll time of the deck. When the recorder is unpaused from this state, the tape is then allowed to roll forward and reach the proper servo lock speed before the recording circuitry of the deck switches in. This is known as the pre-roll time of the deck and it typically lasts around 20-25 frames.

To edit without taking the pre-roll and post-roll times into account would mean the potential exists for losing between five and 15 frames every edit – an unacceptable figure for anything more ambitious than editing together a collection of *Top Of The Pops* videos. To counter this, and ensure results as accurate as the recording equipment used, adjustments can be made through the software. It's called inertia, but it's really an adjustment for pre and post-roll figures.



The protocol of the source decks are fine tuned from this screen. The time code too is chosen and, if you're using VTC-compatible equipment, the integrity and reliability of the picture embedded code can be tested as well.



The best method of finding the pre-roll time is to tape the counter from the config menu.



Each deck will have a slightly different figure from similar models. Adjust from here.

and want to adjust a couple of the cue points before committing yourself to creating a master copy.

And it's this that makes reviewing the *Videopilot* such a conundrum. It's a fantastic piece of kit that grows and grows in its power with every additional piece of compatible equipment added to it.

If the software was tweaked and made easier to use with the keyboard, if it had an *ARexx* port added to it, possibly some sort of sample-playing utility so that sound FX could be triggered and synchronised with the video picture as it was being copied, it would be just about perfect.

As it stands, this is a top piece of kit that's been hobbled by the software driving it. If it cost a couple of hundred quid less, it would have earned a *Format* Gold. But there are too many niggly omissions for that accolade at this price.

However, Ambervane are committed to upgrading and improving *Videopilot*. It's worth checking with them if they're upgrading the software. Because, if they do, *Videopilot* will be an unmissable piece of equipment that'll see you editing well into the new millennium.

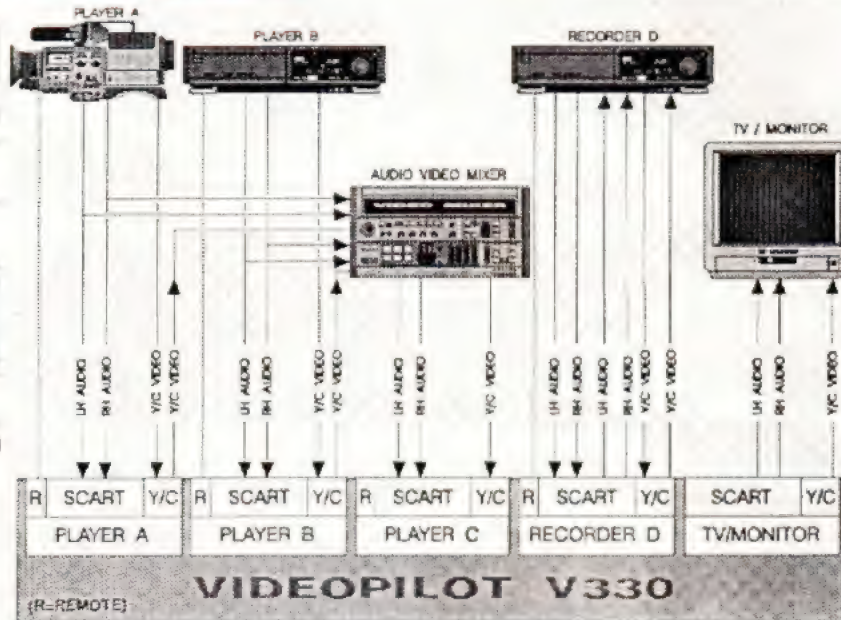
TRANS-CONNECTABILITY

If you study the figure on the right, you'll notice that the type of video signal going into the *Videopilot* is homogenous.

If there is a mix of composite and Y/C, you end up having to use the lower grade composite signal. The *Videopilot* does not transcode between either type of signal.

Ambervane's spokesman said that to do this would add too much to the retail price.

We disagree. At this price, transcoding should be standard.



Videopilot includes a titler which, although simple and limited, is a welcome addition.



SCART sockets are used to carry the audio and composite video signals. Theoretically this makes connection easier to implement.

VIDEOPILOT

DISTRIBUTOR

Ambervane 01792 476076

PRICE

£850 + VAT = £998.75

SYSTEM REQUIREMENTS

Workbench 2.0 or higher Amigas (1.3's limited)

SPEED

Doesn't rely on heavy duty processing power, so is as fast on an A500 as on an A1200.

MANUAL

Well written, easy to follow, with helpful diagrams.

ACCESSIBILITY

Can be up and running in less than 20 minutes. Excellent.

FEATURES

Bristling with them. Lots of potential for professional work to those who can afford the gear.

VALUE

Not great value, but not bad either. Should let you transcode between Y/C and composite video at this price.

"An excellent piece of kit which should eventually find its way into the editing studios"

85%

QUALITY PERIPHERALS FOR THE AMIGA



AMITEK

FRIENDLY TECHNOLOGY

Designed to bring you high quality and performance at affordable prices, Amitek peripherals offer outstanding value-for-money. They are built to ensure easy fitting and trouble free operation - making them a pleasure to use. Amitek products are also thoroughly tested and very reliable, so reliable that we are pleased to offer a full two year warranty on most of the Amitek products detailed here.

RAM UPGRADES

AMITEK FOR A500/A500plus/A600 - 2 YR WARRANTY

CODE	DESCRIPTION	INC VAT
RAM 0505	A500 - 512K (No Clock)	£20
RAM 0510	A500 - 512K (With Clock)	£25
RAM 0520	A500PLUS - 1Mb RAM	£30
RAM 0605	A600 - 1Mb (No Clock)	£30
RAM 0610	A600 - 1Mb (With Clock)	£40

POWER SUPPLY

AMITEK FOR A500/A600/A1200 - 1 YR WARRANTY

This power supply is an ideal replacement unit, which can deliver 1.0 Amp on 12V and 4.5 Amps on 5V. More than enough power for a seriously expanded Amiga!

POW 0610 AMITEK POWER SUPPLY UNIT £29 INC VAT

MODULATOR

AMITEK FOR ALL AMIGAS



The Amitek External Modulator makes an ideal replacement modulator for all Amiga owners. Everything needed is supplied. Like all Amitek peripherals, it comes with an easy to follow manual.

MODULATOR
£34
INC VAT - 18% ADD

HAWK RAM UPGRADE & MATHS ACCELERATOR OPTIONS FOR THE AMIGA 1200



Maximise the processing power of your standard A1200. Be ready for the new generation of software which makes more demands on Amiga memory and technology. The Amitek Hawk RAM expansion includes up to 8Mb fast 32-bit RAM, the ability to support an optional, sophisticated 68882 FPU (Floating Point Unit - drastically increases the speed of maths intensive operations - e.g. in applications such as Lightwave 3D) and a battery backed up clock. Built to a high standard, this board can be easily installed and comes with a 2 year warranty. The Hawk RAM board is available in 4 versions, each with the option of either a 33MHz or 40MHz PLCC 68882 co-processor.

FPU SPEED COMPARISON	INSTALLATION OF A HAWK RAM BOARD INCREASES A1200 SPEED BY UP TO 3x
INCREASES OPERATION BY UP TO 40% in FLOPS (FLOPS: Price operations per second) Figure from ABE version 6.1	<ul style="list-style-type: none"> Plugs straight into A1200 trapdoor - No soldering required Upgradeable FAST RAM board to 1, 2, 4 or 8Mb Uses industry standard socketed SIMMs for easy upgrades Optional Floating Point Unit - 33MHz or 40MHz PLCC 68882 co-processor Comprehensive manual with illustrations Works with all A1200 and A1200HD computers Does not invalidate your A1200 warranty 2 year warranty

AMITEK HAWK RAM UPGRADE BOARDS	PRICES FROM ONLY
1Mb RAM FPU	1Mb RAM, NO FPU
2Mb RAM FPU	£99
4Mb RAM FPU	INC VAT - RAM 1210
8Mb RAM FPU	£329
	FREE DELIVERY
OPTIONAL FLOATING POINT UNITS	
33MHz PLCC FPU + CRYSTAL	£59
40MHz PLCC FPU + CRYSTAL	£99

1Mb INTERNAL FLOPPY DRIVES FOR AMIGA 500/500PLUS & AMIGA 600/1200



These internal Amitek replacement drives are ideal for users who wish to replace their existing internal drive.

The packs feature a high quality internal 1.2, 3 1/2" drive mechanism for the Amiga 500/500plus or Amiga 600/1200. All you need to fit your drive is included, plus easy to follow fitting instructions and 24 months warranty.

A500/A500PLUS
INTERNAL DRIVE
£34
INC VAT - 18% ADD

A600/A1200
INTERNAL DRIVE
£44
INC VAT - 18% ADD

1Mb SONY 3 1/2" DELUXE FLOPPY DRIVE FOR ALL AMIGA COMPUTERS



Amitek's new disk drive combines an elegant design, high build quality and smooth performance in a very affordable package. Highly recommended Jason Holborn - Leading Amiga Journalist

DELUXE FEATURES
The Amitek drive has many deluxe features not included in other drives - check out the competition!

ANTI-CLICK
This feature stops your drive making whirs and clicks when the drive is empty and searching for a disk.

ANTI-VIRUS
This switchable mode stops track 0 viruses infecting the disk while in the drive. Unlike many other drives which have virus killers, this mode can be

disabled, allowing some fussy copy protected software to run.

ADD MORE DRIVES
The Amitek drive is also daisy-chainable, so you can add further drives to your system, using very little power from your Amiga.

QUALITY SONY MECHANISM
Amitek took the time to source a mechanism that has all the features, quality and reliability that Amiga owners demand.

	ANTI-CLICK	ANTI-VIRUS	ROBUST STEEL CASE	QUALITY SONY MECHANISM	TOP RATED CU-AMIGA MAY '94 90%	2 YEAR WARRANTY
AMITEK	✓	✓	✓	✓	✓	✓
CUMANA	-	-	-	-	-	-
ZAPPO	-	-	✓	-	-	-

- HIGH QUALITY 3 1/2" SONY MECHANISM
- STRONG METAL CASING
- BUILT-IN ANTI-CLICK FEATURE
- SWITCHABLE ANTI-VIRUS MODE
- ENABLE/DISABLE SWITCH
- 75MS ACCESS TIME
- DAISY CHAINABLE VIA THRU PORT
- LOW POWER USAGE - Ext PSU Not Req'd
- EXTERNAL PSU NOT REQ'D

EXTERNAL DRIVE
£59
INC VAT - 18% ADD
FREE DELIVERY IN UK MAINLAND

NEW FUSION GENLOCK FOR ALL AMIGA COMPUTERS



FREE! SCALA HT100 HOME VIDEO TITLING PROGRAM £49 INC VAT

• Input and Output Composite Video Signals
• Switch between Video ONLY, Computer ONLY and Mixed Outputs
• RGB Thru
• Not Genlocked
• Hardware Fade to fade away the level of Overlay or Video

GENLOCK
£99
INC VAT - 18% ADD
FREE DELIVERY IN UK MAINLAND

16 YEARS SERVICE TO YOU

THE SILICA SERVICE

Before you decide WHEN to buy, we suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon now and begin to experience the "Silica Service".

Silica

DEBENHAMS

- We have a proven track record in professional computer sales.
- **FAST & RELIABLE**
With over 300 staff - We are solid and reliable.
- **EXPERIENCE**
All are "Customer Care" trained and at your service.
- **TECHNICAL SUPPORT**
FREE help and advice from a team of experts.
- **A FULL PRODUCT RANGE**
All of your computer requirements from one supplier.
- **PRICE MATCH**
We match on a "Same product - Same price" basis.
- **FREE CATALOGUES**
With special offers and product news.
- **PAYMENT**
We accept most major credit cards, cash, cheque or monthly terms (APR 15.9% - written quotes on request).
- **VOLUME DISCOUNTS AVAILABLE**
Business, Education and Government.
Tel: 081-308 8888.
- **FREE DELIVERY**
on orders over £40.00.
Small administration charge (£2.50. vat)
on orders under £40.00.
- **OPENING NATIONWIDE**
21 stores including 18 in branches of Debenhams.

MAIL ORDER 081-309 1111
PLUS TECHNICAL AND HEAD OFFICE

SILICA, SILICA HOUSE, HATHERLEY ROAD, SELCUP, KENT, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - (City Centre), St James Barton	0272 291021
CARDIFF	Debenhams - (1st Floor), St David's Way	0222 341576
CHELMSFORD	Debenhams - (2nd Floor), 27 High Street	0245 355511
CROYDON	Debenhams - (2nd Floor), 11-31 North End	081-688 4455
GLASGOW	Debenhams - (5th Floor), 97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - (City Centre), Millbrook	0483 301300
HARROW	Debenhams - (2nd Floor), Station Road	081-427 4300
HULL	Debenhams - (2nd Floor), Prospect Street	0482 25151
IPSWICH	Debenhams - (2nd Floor), Westgate Street	0473 221313
LONDON	Silica - 92 Tottenham Court Road	071-580 4080
LONDON	Debenhams - (City Centre), 334 Oxford St	071-580 3000
LUTON	Debenhams - (1st Floor), Armada Centre	0582 21201
MANCHESTER	Debenhams - (City Centre), Market Street	061-632 6666
PLYMOUTH	Debenhams - (1st Floor), Royal Parade	0752 266666
ROSFORD	Debenhams - (2nd Floor), Market Place	0708 766066
SHEFFIELD	Debenhams - (City Centre), The Moor	0742 768611
SHEFFIELD	Debenhams - (1st Floor), Meadowhall Ctr	0742 569779
SILICA	Silica - Silica House, Hatherley Rd	081-302 8811
SOUTHAMPTON	Debenhams - (1st Floor), Queensway	0703 223888
SOUTHEND	Debenhams - (2nd Floor), High Street	0702 462426
THURROCK	Debenhams - (1st Floor), Lakeside Centre	0708 863587

To: Silica, AMFOR-0295-213, Silica House, Hatherley Rd, Selcup, Kent, DA14 4DX

INFORMATION ON AMITEK PRODUCTS

Mr/Mrs/Miss/Ms: Initials:

Surname:

Company (if applicable):

Address:

Postcode:

Tel (Home):

Tel (Work):

Which computer(s), if any, do you own?

DATEL**01782 744707**

24hr Mail Order Hotline

DIRECT

buying direct from the
manufacturer means both low
prices and a service second to none!

**FAX 01782 744292****DIGITIZING TABLET****£129.99**Complete
system
no more
to buy!**GENIUS PUCK**

AS AN ALTERNATIVE TO
THE STYLUS INPUT THE
GENIUS TABLET ALSO
HAS OPTIONAL FOUR
BUTTON PUCK.

GENIUS PUCK**£29.99**For
Digitizing
Tablet

ADD A PROFESSIONAL TOUCH TO YOUR DRAWING WORK

- ▲ With the Amiga Genitizer Graphic Tablet you can streamline the operation of most graphic or CAD programs.
- ▲ The Genitizer Graphic Tablet utilises latest technology to offer up to 1000 dpi resolution at the tip of a stylus.
- ▲ Complete 9"x6" digitizing area plus super accurate stylus combine to enable fast, accurate and easy control.
- ▲ Works by "mouse emulation" so the Genitizer will work with most packages where mouse input is the usual method-Deluxe Paint, Photon Paint, CAD Packages, etc.
- ▲ Supplied with template for Deluxe Paint.
- ▲ This is the input method used on professional systems.

- ▲ Fast input of drawing by "tracing" is made easy - plus "absolute reference" means you can move around the screen many times faster than by a mouse.
- ▲ The Genitizer fits in the serial port of your Amiga 500/500+/600/1200/1500/2000 and "co-exists" with mouse.
- ▲ Unlike a mouse, the tablet gives absolute co-ordinates so that tracking and menu selections are possible from the tablet face.
- ▲ A pressure sensitive switch built into the stylus tip activates the Tablet overriding the normal mouse input. When you are not using the Tablet, you have normal mouse control.



NEW
Explore the data hidden
on Credit Cards, Debit
Cards, Security cards,
Membership Cards etc.

- ▲ Simply swipe your card and read the contents.
- ▲ Reads tracks 1, 2, and 3.
- ▲ Plugs into your Amiga Joystick Port.

**MAGNETIC CARD
READER****£59.99**Complete
no more
to buy!

MIDI MASTER PROFESSIONAL MIDI INTERFACE



- ▲ Full specification Midi In, Midi Thru and Three Midi out sockets.
- ▲ Stylish case to match Amiga colours
- ▲ Fully Opto Isolated.
- ▲ Compatible with ALL leading music packages.

MIDI MASTER**£19.99**Complete
with 2 FREE
midi cables

Amiga's best selling Midi
Interface PLUS Amiga's
best music package, together!

**£39.99**

**SPECIAL
OFFER!
MIDIMASTER
PLUS
MUSIC X**

THE BEST SELLING MIDI INTERFACE FOR THE AMIGA

**GOLIATH
POWER SUPPLY****£44.99**3 times the
power of a
standard
power supply**GOLIATH HAS THE POWER**

Goliath is a direct power supply replacement with a difference! If you have an Amiga with a large hardrive, extra memory, accelerator board or indeed any powerful add-on then a standard Amiga power supply just cannot cope. The Goliath packs more power than you can possibly need.

- ▲ Fan cooled.
- ▲ Heavy duty case.
- ▲ Switch mode electronic system.
- ▲ Full 200 watt output.
- ▲ On/Off switch.
- ▲ 13 Amp uk approved mains lead.
- ▲ Direct plug-in replacement.
- ▲ Also available for cd 32.

AMAZING 200 WATTS OUTPUT!

FAX MODEMS**1414AR**

- ▲ V.32bis External Fax Modem for the Amiga
- ▲ 14,400 bps data/fax capability.
- ▲ V.42bis,MNP5 Error correction.
- ▲ Fax Group 3 transmission support.
- ▲ Complete with cable.
- ▲ Complete with NCOM software.

2814AR

- ▲ V.Fast External Fax Modem for the Amiga.
- ▲ 28,800 bps data/fax capability!
- ▲ V.42bis,MNP5 Error correction.
- ▲ Fax Group 3 transmission support.
- ▲ Complete with cable.
- ▲ Complete with NCOM software.

FAX/MODEMSV.32bis
1414ARV.Fast
2814AR**£129.99****£199.99**

THE ANSWER TO ALL YOUR DISK BACKUP PROBLEMS

SYNCR0 EXPRESS is a sophisticated hardware and software package that works by directly controlling your second drive as a slave device ignoring the Amiga's own disk drive controller. This way SYNCR0 EXPRESS delivers power to backup programs when other backup systems fail.

- ▲ The most powerful disk backup system ever conceived.
- ▲ Very simple to use requires no user interface.
- ▲ Powerful "SYNCR0 MODE" actually synchronises your drives to achieve even greater backup power!
- ▲ Menu driven selection of start/end track. Up to 85 tracks.
- ▲ Totally "transparent" hardware switches out automatically when not in use.

SYNCR0 EXPRESS**£34.99**For
A500/600/1200**NEW****NOW VERSION 5****WARNING 1988 COPYRIGHT ACT**

It is illegal to make copies, even for your own use, of copyright material, without the given permission of the copyright owner, or the licensee thereof.

01782 744707

DIRECT

01782 744707

DIRECT

01782 744707

DIRECT

01782 744707 DIRECT 01782 744707 DIRECT 01782 744707 DIRECT 01782 744707 DIRECT 01782 744707 DIRECT

DATEL
ELECTRONICS LIMITED



Here at Date! we have been designing exciting Amiga peripherals for over 6 years.

By dealing direct with the manufacturer you can be sure we offer the latest products at the keenest prices.

Our sales and technical staff will be pleased to advise you and we will deliver your order to your door within days. Why not give us a try.

FRIENDLY SERVICE

TECHNICAL SUPPORT

FREE DELIVERY



HI-RES HANDY SCANNER

FREE PHOTON PAINT

- ▲ An easy to handle Scanner featuring 105 mm scanning width & 400 dpi resolution enables you to scan graphics/text into your Amiga 500/500+/600/1200/1500/2000.
- ▲ Unlimited edit/capture facilities & keyboard control not offered by other scanners at this special price.
- ▲ Full keyboard control of most functions.
- ▲ Includes hard disk transfer to run under Workbench.
- ▲ Adjustable switches for brightness/contrast levels.
- ▲ Full sizing menu of scan area.
- ▲ Geniscan gives you the ability to scan images, text or graphics & even offers 200 Dpi Dual Scan Mode.
- ▲ IFF Buffer Save 1600x1024 pixels, dual buffer, scan matching & view Buffer.
- ▲ Scan Grey Software included to convert half tone images to true Grey scales. Includes editing, zoom & processing features.
- ▲ Screen grid overlay & configure menu to save parameters.
- ▲ Icon menu to select functions.
- ▲ X,Y position readout & metric sizes.
- ▲ Save images in suitable format for most leading packages including PHOTON PAINT, DELUXE PAINT, etc.
- ▲ View window and position control panel.
- ▲ Powerful partner for DTP that allows for cut & paste editing of images etc.

HI RES HANDY SCANNER

£89.99

With FREE PHOTON PAINT



8 BIT SOUND SAMPLER

- ▲ Full 8 Bit Sound Sampling System. For A500/1500/2000/1200.
- ▲ Fits into Printer Port.
- ▲ Complete Hardware/Software package including Sound Sampler and Sound Jammer Software.

8 BIT SOUND SAMPLER

£19.99

Amiga 500/ 500plus
Amiga 600/ 1200



MICRO MIDI

- ▲ Low cost Midi Interface.
- ▲ Midi In, Midi Out and Midi Thru.
- ▲ Opto Isolated.
- ▲ Compact design.

MICRO MIDI

£11.99

Amiga 500/ 500plus
Amiga 600/ 1200



INTERNAL MIDI CARD

- ▲ INTERNAL MIDI CARD FOR A2000/1500/3000 £19.99
- ▲ Full feature Midi Interface - Midi In, Midi Thru and Three Midi out sockets.
- ▲ Opto Isolated.

INTERNAL MIDI CARD

£19.99

Amiga 2000, 1500
3000



3.5" INTERNAL FLOPPY DRIVE

- ▲ Quality Chinon Mechanism.
- ▲ Features special eject button.
- ▲ Quiet operation.
- ▲ Includes mounting pillars.
- ▲ Comprehensive instruction manual.

3.5" INTERNAL FLOPPY DRIVE

Amiga 500/ 500plus

Amiga 600/ 1200

£39.99

£49.99



01782 744707

24hr Mail Order Hotline



VIDEO DIGITIZER

- A full Realtime colour Digitizer at a realistic price.
- ▲ A500/A500+ compatible.
 - ▲ Grab 15 Bit colour image in 1/50 second.
 - ▲ Double buffered display generates screen update at 5 frames per second.
 - ▲ 24 bit IFF file save from 15 bit data.
 - ▲ Advanced picture editing features including cut, copy, brush, paste, undo etc.
 - ▲ Palette controls include R.G.B. level and Gamma correction.
 - ▲ Standard phono connections.
 - ▲ Total package no more to buy.

VIDEO DIGITIZER

£99.99

Amiga 500/ 500plus



REPLACEMENT DISK DRIVE

- ▲ Top quality external 3.5".
- ▲ Stylish design.
- ▲ Quiet operation.
- ▲ Small footprint slimline design.
- ▲ Built-in anti-click feature.
- ▲ Daisy chainable via thru port.
- ▲ No need for external PSU.

REPLACEMENT DISK DRIVE

£59.99

REPLACEMENT POWER SUPPLY

- ▲ Switch Mode Electronic System.
- ▲ 4.5 Amp Output.
- ▲ Cool Running.
- ▲ 13 Amp UK approved mains plug.
- ▲ ON/OFF switch.

REPLACEMENT POWER SUPPLY

£39.99

Direct Plug-in Replacement

AMIGA

ACCESSORIES

MIDI CABLES £7.99 (per pair)

- ▲ 3 metre long genuine Midi Cables.

LOGIC 3 MOUSE £14.99

- ▲ Top quality, super smooth replacement mouse.
- ▲ High resolution.

PRINTER LEAD £6.99

- ▲ 1.8 METRE PARALLEL PRINTER LEAD.

A1200 3.5" HARD DRIVES

270 MB INTERNAL £199.00

350 MB INTERNAL £239.00

540 MB INTERNAL £279.00

Prices & specifications may vary. Please call for latest information.

3.5" drives work with all 1200s with standard power supply. Complete with cable, software and instructions.

TELESALES
01782 744707

FAX ORDERS
01782 744292

ORDER BY POST

CALLERS WELCOME

FREE DELIVERY

SEND CHEQUES, POSTAL ORDERS OR CREDIT CARD DETAILS TO :

DATEL

DIRECT

GOVAN ROAD,
FENTON INDUSTRIAL ESTATE,
FENTON, STOKE-ON-TRENT,
ST4 2RS, ENGLAND

01782 744707



FAX ORDERS
01782 744292
24 HRS SERVICE

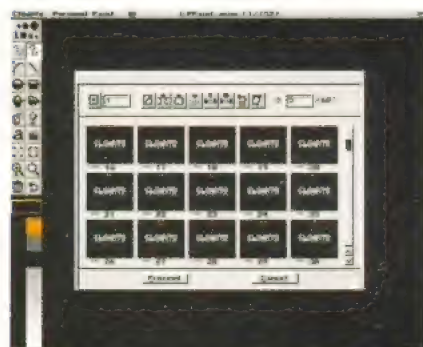
DATEL
ELECTRONICS LIMITED

Personal Paint 6.1

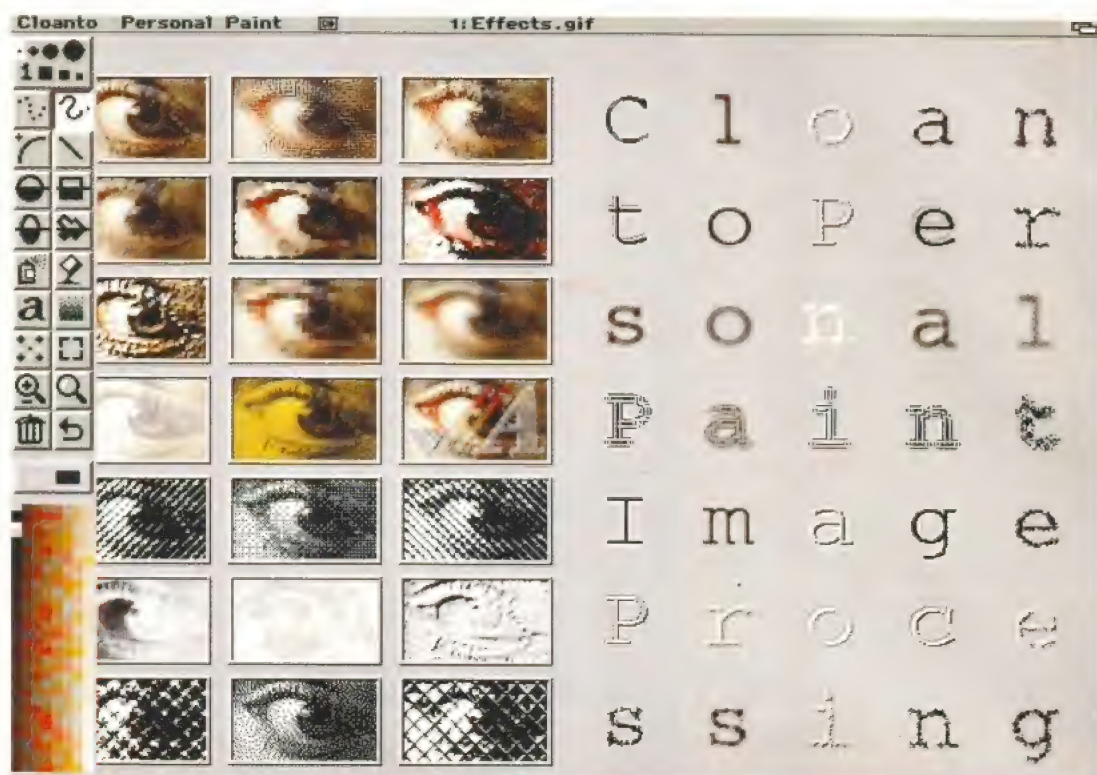
What could Cloanto have possibly added to make *Personal Paint* an even bigger draw than before? Nick Veitch gets right to the art of the matter...

There have been a great number of paint packages produced for the Amiga. We've had *DigiPaint*, *Spectracolour*, *Fantavision*, *Deluxe Paint* in all its various shades, *Rpaint*, *Brilliance* and far too many derivatives and Public Domain hopefuls to mention. One day, someone will produce one that has it all, and Cloanto hope that *Personal Paint* will be that one.

Well, they haven't got there yet, but the catalogue of additions over recent months is certainly very impressive. *PPaint* is very much of the *Deluxe* school of paint packages, even to the point that many of the shortcut keys are the same. More of the shortcuts have now been added for the



Personal Paint's impressive storyboard feature displays snapshots of each frame.



major addition to this latest version of *Personal Paint* – animation.

PPaint has always seemed to me to be a jobbing paint package – one that you load quickly to create brushmaps for *Imagine* or knock up a quick icon for something or other. But with the addition of decent animation features, it becomes an altogether different proposition.

Personal Paint now supports both the Anim5 (made popular by *DPaint*) and the Anim7 (made popular by *Adorage*) file formats, which means you can have the choice of animations optimised for size (Anim5) or playback speed (Anim7).

Although *Personal Paint* lacks some of the advanced animation tools of *DPaint* (the move function really – you can't call *DPaint*'s pathetic attempt at morphing an

The image processing filters have always been a central aspect of *PPaint*'s success.

advanced feature) it does have a rather excellent storyboarding feature. This displays little snapshots of each frame of the animation and allows you to perform many useful functions, such as cutting and pasting blocks of frames, copying them and gradually changing the palettes. One of the features of the Anim7 format is that each frame can have a completely different palette. Timing can be adjusted on each individual frame too.

This is incredibly useful – instead of having 100 frames of black at the beginning of an animation, you can just have one frame which is displayed for 100 times as long as all the others. This not only saves quite a bit of effort, but a significant amount of disk space as well. The storyboard also features a full undo, provided you have enough memory, something that is missing from any other paint package.

SEEING IN STEREO



Is it a bird, is it an empty crisp packet or is it the biggest con since time began? What can you see?

If you have wandered past a bookshop window recently, read the *Mail On Sunday* or looked at certain types of wallpaper in a funny way, you have surely come across that amazing technique of visual trickery, the stereogram.

If you have used *Personal Paint* before, then you will know all about the image processing filters. These have been extended greatly, and now include, among other things, filters to turn your lovely pictures into evil images from hell that make you go cross-eyed and give you headaches.

Two general types of stereogram are supported – the random dot variety, and the one which uses brush patterns, like those seen on cans of Pepsi.

If you reckon you can make out the picture hidden in the mass of grey dots on the left, you'll win one of those unspecified prizes that get decided at a later date. Send your answers to me at the usual address and I'll announce the winner in *Serious Intro* in two issue's time, so you'd better be quick.

PRINT THAT!

One of the many added benefits in this version of *Personal Paint* are the great enhancements that have been made to the printing routines. The printing routine now includes direct support for 24-bit colour printing, so all you Fargo Primera owners can get decent quality output without having to resort to using DTP packages.

The print quality of the 8-bit greyscale mode has been significantly enhanced too, to make this the most flexible and best quality print engine on any of the Amiga art packages.

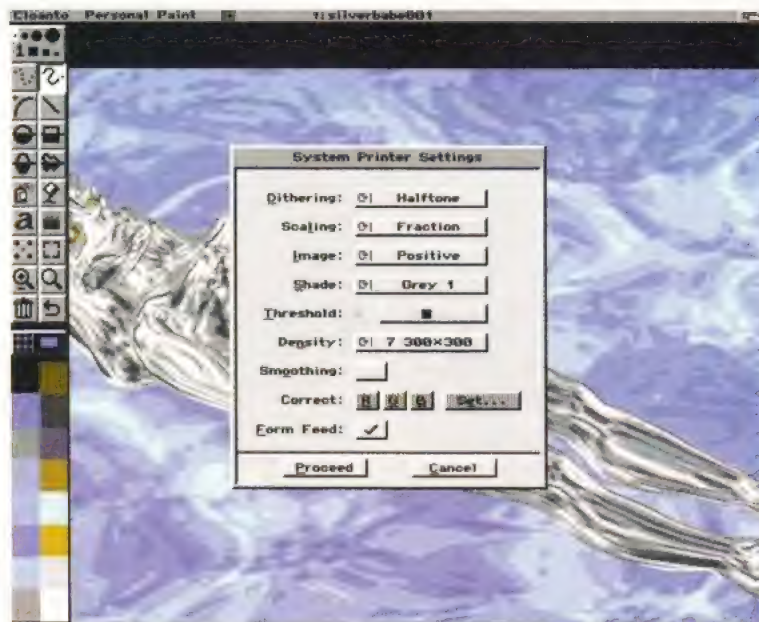


Virtual memory means if you have a hard disk, you'll never be troubled by Not Enough Memory For Requested Operation messages again. Well, unless you just get silly.

An integrated player is provided, which can display Anim5 and Anim7 files, and which can also be used to play files in screenmodes not currently supported by *Personal Paint* – Ham and Ham8.

Why doesn't *Personal Paint* support these modes? Although they give you many

Can you see lots of little fishes in here, all swimming about and being happy? Well I can, so there...



Improved printing routines mean that images can now be printed, even in colour, at 24-bit quality. This is the best in-software printer interface for any paint package.

more colours, they are slow screen modes, both to display and to draw in. For most work, people don't need them anyway. You aren't going to design HAM8 sprites for your next game, are you? HAM animations are generally too slow. A good 256-colour animation appears to be of better quality, because with less colours it runs at a decent speed.

Another new addition since we last perused the menu bars of this software is virtual memory management. Virtual memory is used when you run out of conventional RAM, which can easily happen with large animations. This memory can be of two types: it can be a RAM buffer on a hard disk, or in the RAM disk. The point of using the RAM disk is to enable your Fast RAM to act as a buffer for your Chip RAM – very handy on older machines, which don't have as much Chip RAM as newer Amigas.

When the RAM disk is full, the program then stores information directly

to a hard disk file. Actually, you could use a floppy disk as a virtual disk, but this would be a very slow solution.

Personal Paint is a very integrated and Amiga-friendly program. It supports the datatype standard for loading images (a JPEG datatype is included) and it also fully supports retargetable graphics, which enable you to open the program in any screen mode available on your Amiga.

This includes any graphics cards which support the display database (as most of the EGS ones do) – at last, a paint package which can take advantage of improvements you make to your system!

This and the frequency of updates (and great upgrade deals) means that *Personal Paint* is certainly a package that you can believe in.

SPECIAL OFFER

Thanks to a special AF offer, if you buy *PPaint* for the original price of £59.95 directly from Ramiga, you will also get a free copy of Cloanto's *Personal Fonts Maker*, which enables you to construct bitmap fonts.

COMPARE AND CONTRAST

With all the paint packages to choose from, it can be confusing deciding exactly you want, never mind which particular package can give it to you. Certainly, in recent versions, *Personal Paint* has overtaken *DPaint* in terms of flexibility and, some would argue, ease of use.

Personal Paint still lacks some of the advanced features of *DPaint* such as lighttables, HAM modes, and the Move function. However, *Personal Paint* adds a whole range of image processing features, plug-in datatype support and display database support which means it runs fine with 24-bit cards. It is genuinely a very Amiga-friendly program.

But how does it compare with the other art program reviewed this month, *Photogenics*? We decided to review them separately rather than look at them head-to-head because they are really aimed at different users. If I wanted to touch up my *Lightwave* renders, or paint an object with realistic brushes, I would use *Photogenics*. But if I wanted to make an icon for a disk, draw an interface for a program, create a simple bumpmap for rendering, or create any sort of animation I'd probably use *Personal Paint*.

There is room for both these programs, and judging by the number of *Personal Paint* updates we've seen in the last year, it will keep on getting better.

PERSONAL PAINT 6.1

DISTRIBUTOR

Ramiga 01690 770306

PRICE

£54.95

SYSTEM REQUIREMENTS

Any Amiga with 1Mb RAM

SPEED

The animation parts are particularly fast and the image processing isn't slow either.

MANUAL

An excellent ring-bound manual, including much information and useful tutorials.

ACCESSIBILITY

This is easier to set-up, easier to understand and easier to use than most other paint packages.

FEATURES

Some excellent features, but also some omissions: HAM8, brush modes, onion-skinning...

VALUE

All this power at this price is almost suspicious, but it's true!

"It can only be a matter of time and upgrades before this is the best paint package ever."

88%

A-TRAIN CLASSIC PLUS CONST. SET 2 (MB)	13.49
AIR RACE (MB)	8.99
AIR BUCKS V.12 (MB)	12.99
AIR SUPPLY	8.99
AKIRA	32.80
ALIAN BREED - SPECIAL EDITION (MB)	9.60
ALIAN RPED - TOWER ASSAULT (MB)	16.89
ALI: TERRAIN RACING (MB)	20.99
ALLO-ALLO	4.99
AMBERMOON (MB)	27.99
AMON PROFESSIONAL (MB)	9.99
ANIMABALL	1.99
APHYS (MB)	9.99
APOCALYPSE	20.99
ARCADE POOL (MB)	8.79
ARMOR GEDDON 2	20.99
ARSENAL: THE COMPUTER GAME	20.99
AWARD WINNERS 2 (MB)	23.99
BENEATH A STEEL SKY	27.99
BENEFACTOR	20.99
BIRDS OF PREY (MB)	12.99
BLACK CRYPT	10.99
BLASTAR (MB)	9.99
BULTZBERG	6.99
BLOODNET (MB)	23.99
BREACH III (MB)	27.99
BRIAN THE LION (MB)	20.99
BUBBA 'N' STEV	20.99
BUBBLE & SWEAK (MB)	20.99
BURBLE GUN	19.99
BULLY'S BROTHERS PARTS (MB)	8.79
BUMP 'N' BURN	23.99
BUMPER KICK PAK	4.99
BURNIN' 2 (MB)	13.99
CADAVEK + THE PAYOFF	12.99
CAESAR DELUXE (MB)	12.99
CAMPAIGN 2 (MB)	27.99
CAMPAIGN MISSION DISKS	7.99
CANNON FODDER	23.99
CANNON FODDER 2 (MB)	23.99
CANNON FODDER SETTLERS (CHAOS ENGINE 2) (MB)	27.99
CARDUAX	8.79
CENTURION	9.99
CHAMPIONSHIP MAN: 94 SEASON DISK	22.99
CHAMPIONSHIP MAN: COMPENDIUM II (MB)	8.79
CHAMP MAN: END OF SEASON DATA	13.49
CHAMPIONSHIP MANAGER ITALIA (MB)	20.99
CHUCK ROCK 2 - SON OF CHUCK (MB)	20.99
CIVILIZATION (MB)	27.99
CLASSIC ARCADE/BABY ARCADE	8.79
CLASSIC BOARD GAMES	8.79
CLOCKWISER	10.99
CLUB FOOTBALL - THE MANAGER	27.99
CLUB CHIEFS SYSTEM I&II	23.99
COMPLETE CHESS SYSTEM I&II	6.99
COUNT DUCKULA	27.99
COUNT DUCKULA 2	6.99
CRASH DUMMIES	16.89
CREEPERS	20.99
CRIME CITY	6.99
CRUISE FOR A CORPSE	12.49
CRYSTAL KINGDOM DIZZY	8.79
CURSE OF ENCHANTIA	12.99
CYBERSPACE (MB)	27.99
D-DAY: BEGINNING OF THE END (MB)	27.99
DALEK ATTACK	8.79
DARKMERE (MB)	23.99
DAWN PATROL	8.49
DEATH PHASE CLASSIC COLLECTION (MB)	21.99
DELUXE MUSIC CONST. SET 2 (MB)	71.99
DELLANE PAINT IV	73.99
DENNIS & GRASHER	19.99
DESERT STORM (MB)	10.99
DETROIT	27.99
DISCOVERY	6.99
DOG FIGHT (MB)	14.49
DRAGON STONE	23.99
DREADNOUGHTS (NOT1200)	90.99
DREADNOUGHTS - BISMARCK	14.49
DREADNOUGHTS - TRONCLAS	14.49
DREAMWEB (MB)	27.99
DRINE	12.99
DUNE II (MB)	12.49
EAGLE WEASER BASEBALL	8.79
ELITE II - FRONTIER	27.99
EPIC (MB)	12.99
ESPANA - THE GAMES '92	10.99
EUROPEAN CHAMPIONS	4.99
EVASIVE ACTION - BUEL FOR THE SKY	27.99
EXILE (MB)	22.99
EYE OF THE REHOLDER II	14.49
F-15 STRIKE EAGLE II	14.49
F-19 STEALTH FIGHTER (MB NOT1200)	14.49
F-29 RETALIATOR (NOT1200)	10.99
F15 STEALTH FIGHTER (MB)	14.49
F17 CLUSTER (MB)	14.49
FANTASY MANAGER	23.99
FATAL STROKES	23.99
FIELDS OF GLORY (MB)	27.99
FIFA INTL. SOCCER (MB)	23.99
FINAL COMBAT	6.99
FINAL FRONT	8.79
FLY DIVISION MANAGER (NOT400)	8.99
FLY HARDER	8.79
FOOTBALL GLORY	20.99
FOOTBALL MANAGER 4	28.49
FORMULA 1 GRAND PRIX (MB)	14.49
FORT APACHE	6.99
G2	20.99
GAUNTLET II	8.99
GLOBULE	23.99
GOAL (MB)	16.89
GOJIMAS 2 (MB)	23.99
G. GOOCH: TEST MATCH SPECIAL (MB)	23.99
GRAHAM GOOCH CRICKET - 2ND INNINGS	8.99
GRAHAM TAYLOR'S SOCCER (MB)	23.99
GULP	10.99
GUNSHIP	8.79
GUNSHIP 2000 (MB)	14.49
HAND OF ST JAMES	6.99
RANNAL	23.99
HARD DRIVEN 2	8.79
HARPOON - EDITOR	16.89
HARPOON V.121 (MB)	12.99
HARRIER JUMPER (MB)	27.99
HEIMDAL 2 (MB NOT1200)	27.99
HEROES OF THE LANTER (NOT1200/4000)	6.99
HIGHWAY	10.99
HERQUEST 2 - LEGACY OF VORSLI	20.99
HOCK	8.79
HOTEL'S BOOK OF GAMES - VOL.1	10.99
ROYALS BOOK OF GAMES - VOL. 2	10.99
HUCKLEBERRY HOUND	4.99
IMPOSSIBLE MISSION 2 (MB)	23.99
INDIANA JONES & L. CRUSADE (ADV)	12.99
INDOSENT UNTIL CAUGHT	40.79
INTERNATIONAL 4 SIDE	6.99
INTERNATIONAL OFF	6.99
INTERNATIONAL MANAGER	20.99
INTERVIEW 2	20.99

IAHAB (1 MB)	6.79
ISAR 3 (1 MB)	26.70
JAGUAR XL220 (1 MB)	8.75
J&B	6.66
JET STRIKE (1 MB)	30.95
JIMMY WHITE'S WHIRLWIND SNOOKER	12.65
JOHN MADDEN'S FOOTBALL	29.95
JUNGLE STRIKE	20.95
K240 - UTOPIA 2	23.95
KGB (1 MB)	12.95
KICK OFF III	18.95
KICK OFF III EUROPEAN CHALLENGE	19.95
KID CHAS (1 MB)	20.95
KINGDOMS OF GERMANY	29.95
KINGPIN (1 MB)	10.95
KINGS QUEST 8	27.95
KNIGHTS OF THE SKY (1 MB)	14.45
LASER SQUAD	8.75
LEISURE SUIT LARRY 1 (1 MB)	12.95
LEMMINGS (ORIGINAL)	12.95
LEMMINGS 2 (1 MB NOT 500)	23.95
LEMMINGS 3 (1 MB)	23.95
LEMMINGS KAMAS 94	22.95
LINKS	14.45
LOMBARD RAC RALLY	8.95
LOOM	13.05
LORDS OF THE REALM	27.95
LOST VIKINGS	21.95
LUCASARTS CLASSIC COLLECTION (1 MB)	23.95
LURE OF THE TEMPTRESS	12.95
MAELSTROM	27.95
MAGIE BOY	20.95
MAGNIFICENT CASTLE	23.95
MANCHESTER UNITED - PREM 94/95 DATA	8.75
MANCHESTER UNITED - PREMIER LEAGUE	23.95
MANIAC MANION	11.75
MARIO IS MISSING (1 MB)	23.95
MAVIS REACON TEACHES TYPING V.2 (1 MB)	23.95
MICKEY'S JIGSAW PUZZLES	18.85
MICRO MACHINES	20.95
MICROPROSE SOCCER	4.50
MIWINTER II (1 MB)	14.45
MIC SIM SUPER FULCRUM	12.95
MINI OFFICE (1 MB)	49.95
MONOPOLY	22.60
MOONWALKER (NOT 5)	6.96
MORPH (1 MB NOT 1200)	9.95
MORTAL KOMBAT (1 MB)	23.95
MORTAL KOMBAT II (1 MB)	23.95
MR NUTZ	4.95
MUTANT LEAGUE HOCKEY	19.95
MYTH	4.75
NODDY'S BIG ADVENTURE	19.95
NODDY'S PLAYTIME (1 MB)	30.95
ON THE BALL - LEAGUE	25.95
ON THE BALL - WORLD CUP	23.95
OUTLANDER	24.95
OVERDRIVE (1 MB)	9.95
OVERLORD (1 MB)	27.95
OVERLORD (1 MB)	27.95
PALADIN II (1 MB)	5.96
PANZA KICK BOXING	4.75
PEN PAL	38.95
PGA EUROPEAN TOUR	20.95
PGA TOUR GOLF PLUS (1 MB)	12.95
PICTIONARY	6.96
PINBALL DREAMS/PINBALL FANTASIES	27.95
PINBALL MAGIC	8.75
PINKIE	20.95
PIRATES	11.75
PIXIE & DENZ	4.95
PLAYSTARS	14.45
POLICE QUEST 1	14.45
POLICE QUEST 3 (1 MB)	14.45
POPEYE 2	6.96
POPEYE 3	10.95
POPULOUS II (1 MB)	12.95
POSTMAN PAT	6.96
POSTMAN PAT 3	6.96
POSTMAN PAT PAINT PACKAGE	10.95
POWER DRIVE	23.95
PREMIER MANAGER 2	20.95
PREMIER MANAGER 3 (1 MB)	20.95
PRINCE OF PERSIA	6.96
PRINCE OF THE YORKFOLK	6.96
PROJECT X (1 MB)	10.95
PUGSLEY	23.95
QUEST FOR GLORY 2 (1 MB)	10.95
QWAK (1 MB)	16.95
RAILROAD TYCOON (1 MB NOT 900)	14.45
RAINBOW ISLANDS	14.45
REACTOR THE SKIES (1 MB)	12.95
REUNION	27.95
RISE OF THE ROBOTS (1 MB)	9.95
ROAD RASH	10.95
ROBINSON'S REQUIEM	23.95
ROBOCOP III	10.95
ROOKIES (1 MB)	20.95
ROCKY'S DRIFT	6.96
RUFF N TUMBLE	20.95
RULES OF ENGAGEMENT 2 (1 MB)	27.95
RVF HONDA	4.75
S.U.B.	23.95
SCRABBLE	14.45
SECRET OF MONKEY ISLAND (1 MB)	14.45
SECRET OF MONKEY ISLAND II (1 MB)	14.45
SENSIBLE SOCCER 92/93	20.95
SENSIBLE SOCCER INTERNATIONAL EDITION	18.85
SENSIBLE WORLD OF SOCCER	23.95
SETTLERS (1 MB)	12.95
SHUTTLE	12.95
SILENT SERVICE II	14.45
SIM CITY CLASSIC	11.75
SIM CITY/POPULOUS	23.95
SIM EARTH CLASSIC (1 MB)	17.75
SIMULCRA	8.75
SKIDMARKS (1 MB)	20.95
SKITCHIN	20.95
SLICKS	16.85
SNAPPERAZZI	14.45
SOCCER 93/94	13.95
SOCCER TEAM MANAGER	10.95
SOOTY & SWEEP (NOT 1200)	6.96
SOOTYS FUN WITH NUMBERS	21.95
SOUP TREK	6.96
SPACE LEGENDS (1 MB)	23.95
SPEEDBALL 2	8.75
STAR LORD (1 MB)	27.95
STARBUST SPECIAL EDITION (1 MB)	16.65
STREET FIGHTER 2 (1 MB)	12.95

THUNDER	27
SLB WAR 2050 (1MB)	27
SUBURBAN COMMANDO	27
SUPER LEAGUE MANAGER (1MB)	27
SUPER SPACE INVADERS	8
SUPERCARS II (NOT 100)	8
SUPERHERO (1MB)	25
SUPERMACH	8
SWITCHBLADE II	8
SWIV	8
SYNDICATE (1MB)	27
TACTICAL MANAGER - ENGLISH	20
TACTICAL MANAGER - SCOTTISH	20
TEST DRIVE II	6
THE CLUE	19
THE IMMORTAL	19
THEIR FINEST HOUR - MISSIONS VOL1	19
THEME PARK (1MB)	27
THOMAS PAINT PACKAGE	8
THOMAS THE TANK ENGINE	8
THOMAS THE TANK ENGINE COLLECTION	14
THOMAS'S BIG RACE	10
THUNDERHAWK	8
TOKI	8
TOP GEAR 2	20
TORVAK THE WARRIOR (NOT 100)	8
TOTAL CARNAGE	8
TRACKSUIT MANAGER	8
TRACKSUIT MANAGER '94	19
TRANSACTICA	8
TRAP 'N' TREASURES	9
TRIAL PURSUIT	20
TURBO TRAX (1MB)	20
TURRICAN	8
TURRICAN III	20
TWILIGHT 2000	27
UFO - ENEMY UNKNOWN (1MB)	27
UNIVERSE (1MB)	27
VALTOPIA (NOT 100)	8
VALHALLA & THE LORD OF INFINITY (1MB)	25
VITAL LIGHT	25
WARZONE	19
WEMBLEY RUGBY LEAGUE	25
WING COMMANDER I (1MB)	12
WINTER CAMP	12
WINTER GOLD	13
WIZ N' LIZ	19
WOLF PHIL	9
WORLDWORTH V.I.D. 2 (MB)	27
WORLD CLASS RUGBY	12
WORLD CUP USA '94	22
WORLD CUP YEAR '94 (COMP) (1MB)	25
WORLD OF 500CC	18
WORLDS AT WAR	19
WORLDS OF LEGEND	14
WWF EUROPEAN RAMPAGE (1MB)	8
X OUT	8
YIP KEE	20
Z-OUT	6
ZEEWOLF (1MB)	20
ZOOZ 2 (1MB)	23

NO CREDIT CARD SURCHARGES

WE WILL NOT CHARGE YOUR CREDIT CARD UNTIL THE GOODS HAVE BEEN DESPATCHED

Budget Games

NEW FROM KIXX

£4.99 each

Amiga & PC versions of each game are both supplied on the same disk!

3D PSOL
ACTION FIGHTER
BEANS COMMANDO
BLASTERBOLLS
CARDER COMMAND
E MOTION
INDIANA JONES & THE LAST CRUSADE (ACT)
INTERNATIONAL SOCCER CHALLENGE
MICROPSION SOCCER (NOT 100)
OUTRUN (NOT 100)
RIPPER DANGEROUS
RIPPER DANGEROUS 2
STREET FIGHTER
STUNT CAR RACER
WORLD CLASS LEADERBOARD

DataGEM

has supplied computer hardware and software to tens of thousands of satisfied customers since 1987

Amiga Atari PC Sega

Trust us to have all you need

G HOURS

MAILORDER SHOP

10AM-8PM 10PM-8PM

10AM-8PM 10AM-4PM

10AM-8PM CLOSED

COMPROMISE SUPER CD32 PAD (A/P)	17.95	17.95
CLUB T-20 JAMBLAR	17.95	17.95
CLUB TRUCKS V1.2	17.95	17.95
ALADIN	18.95	18.95
ALPHED CHECKERS	18.95	20.95
ALLEN BREED - SPECIAL EDITION	19.95	19.95
ALLEN BREED - TOWER ASSAULT	23.95	23.95
ALLEN BREED	9.95	9.95
ALL TERRAIN RACING	23.95	23.95
ALL TIME GREATS	23.95	23.95
ARCADE POOL	12.95	12.95
ARMADILLO	18.95	20.95
BATTLE CHESS	23.95	23.95
BATTLE TOADS	18.95	18.95
BEAVERS	20.95	20.95
BENCH TO 4 STEEL SKY	20.95	20.95
BOBY BLOWS	12.95	12.95
BOBY BLOWS ONLATIC	5.95	5.95
BRIAN THE LION	18.95	16.95
BRUTAL SPORTS FOOTBALL	16.95	23.95
BUBBLE 5 STE	23.95	23.95
BUBBLE & SQUEAK	18.95	23.95
BUFF & BURN	14.95	23.95
BURNING RUBBER	4.95	4.95
BURNTIME	18.95	18.95
CABARET COHORT 2	20.95	20.95
CANNON FODDER	24.95	24.95
CAVITIES 2	23.95	23.95
CD EXCHANGE VOL. 1	18.95	18.95
CHAMBERS OF SHAMOLIN	12.95	12.95
CHAS ENGINE	28.95	28.95
CHUCK ROCK	12.95	12.95
CHUCK ROCK 2 - SON OF CHUCK	23.95	23.95
CIVILIZATION	31.95	31.95
CLOCKWISER	13.45	13.45
CLONED	18.95	20.95
DANGEROUS STREETS	12.95	23.95
DARK SEED	12.95	14.95
DEEP CORE	3.99	3.99
DENNIS	3.95	3.95
DETROIT	27.95	27.95
DIGGERS	27.95	27.95
DIPLOMATIC PEEP	21.95	21.95
DIZZY - THE BIG SIX	12.95	12.95
DIZZY'S ENCHANTED WORLDS	24.95	24.95
DOOM	24.95	24.95
DRAGON STONE	23.95	23.95
DREAMWIRE	23.95	23.95
ELITE II FRONTIER	23.95	23.95
EMERALD MINES	14.95	14.95
ENLE	23.95	23.95
ENTRACTORS	20.95	20.95
FANTASTIC DIZZY	13.95	13.95
FANTASY MANAGER	23.95	23.95
FATMAN	4.95	4.95
FIELDS OF GLORY	27.95	23.95
FIRE & ICE	16.95	16.95
FIRE-ICE	23.95	23.95
FOOTBALL GLORY	23.95	23.95
FLY BY THE BURRIS	23.95	23.95
GLOBAL EFFECT	8.75	8.75
GOARDIAN	23.95	23.95
GOSSIP 2000	27.95	23.95
HERNAPAL 2	27.95	27.95
HEROQUEST 2 - LEGACY OF GORATH	24.95	24.95
HUMANS 1 & 2	23.95	23.95
ICE	12.95	12.95
IMPOSSIBLE MISSION 2023	27.95	27.95
INHALE 1	24.95	24.95
INHALE	26.70	26.70
JAMES POND 3 - OP STARFISH	27.95	27.95
JET STRIKE	22.95	22.95
JUNGLE STRIKE	22.95	22.95
JURASSIC PARK	22.95	22.95
KICK OFF 10	24.95	26.70
KICK OFF 10 EUROPEAN CHALL.	33.95	27.95
KICK CLASH	22.95	22.95
LEGENDS	23.95	23.95
LEMMINGS (ORIGINAL)	9.95	9.95
LEMMINGS 2	23.95	23.95
LIBERATION - CAPTIVE 2	27.95	27.95
LION KING	33.95	33.95
LORELEAF	23.95	23.95
LYLE DEVL	22.95	22.95
LORDS OF THE REALM	27.95	27.95
LOST VIKINGS	33.95	33.95
LOTS OF TURBO TROUBLE	19.95	19.95
LOVERS GUIDE	22.95	22.95
MAN NUTTED - PREMIER LEAGUE	23.95	23.95
MARVON'S MARVELLOUS ADVENTURE	21.95	23.95
MATHEUS	23.95	23.95
MICRO PHANCS (BEGINNERS' GUIDE)	24.95	24.95
MICRODROM	24.95	24.95
MIGHTY MAN	22.95	22.95
MORPH	26.95	26.95
MR. HARRY	16.75	16.75
MUTANT LEAGUE FOOTBALL	22.95	22.95
MUTANT LEAGUE HOCKEY	22.95	22.95
NAUGHTY ONES	20.95	20.95
NICK FALDO'S CHAMPIONSHIP GOLF	27.95	27.95
NIKKI MANSELL	23.95	23.95
NO SECOND PRIZE	12.95	12.95
ON THE BALL - LEAGUE	26.70	26.70
ON THE BALL - WORLD CUP	26.70	26.70
OSCAR	28.95	28.95
OUT TO LUNCH	18.95	18.95
OVERKILL	16.95	16.95
OVERKILL UNLCK C	23.95	23.95
PGA EUROPEAN TOUR	22.95	22.95
PINBALL FANTASIES	27.95	26.70
PIRATES GOLD	26.95	22.95
PLANET FOOTBALL	22.95	22.95
POWER DRIVE	23.95	23.95
PREMIER MANAGER 1	26.95	26.95
PREMIERE	12.95	12.95
PROJECT XPT1 CHALLENGE	19.95	19.95
PUPPY IQIANS	23.95	23.95
REUNION	27.95	27.95
RISE OF THE ROBOTS	34.70	32.95
ROBINSON'S RESUME	26.70	26.70
ROBOCOD	6.75	17.95
RYNTER CUP	4.95	4.95
SABRE TEAM	23.95	24.95
SECOND SAMURAI	23.95	23.95
SEASIDE AND DETROIT	26.95	26.95
SENSIBLE SOCCER 90/91	17.95	17.95
SENSIBLE SOCCER ACT. EDITION	16.95	16.95
SHIM CITY 2000	27.95	27.95
SHIM LIFE	16.95	16.95
SIMON THE SORCERER	51.95	51.95
SKELETON CREW	27.95	27.95

71 608 00

ax:071 608

All prices include UK postage

SKIDMARKS	22.60	20.95
SKITCHIN		
SLEEPWALKER	8.75	4.95
SOCCER KID	23.85	21.95
SOCCER TEAM MANAGER		12.95
STAR TREK: QITH ANTS I	27.85	
STRIKER		19.95
SYNOPSIS	26.95	
TUB WAR 2000	27.85	23.95
SUPER FROG		12.95
SUPER LEAGUE MANAGER	23.85	21.95
SUPER PUTTY		12.95
SUPER STARDUST	23.85	21.95
SURF NINJAS		9.95
TPU	31.85	31.85
THE CLUE	23.95	
THEME PARK	27.85	23.95
THOMAS THE TANK ENGINE COLL.	16.85	
TOP GEAR 2	30.85	23.95
TORNADO	27.85	
TOTAL CABARET	9.85	12.95
TOWNS WITH NO NAME		12.95
TRIVIAL PURSUIT		23.95
TROLLS		23.95
TWILIGHT 2000	27.85	
UPD: ENEMY UNKNOWN	27.85	21.95
ULTIMATE BODY BLOWS		
UNSHURE		19.95
VIRTELL 2		12.95
VIBRO CREATOR		23.95
VITAL LIGHT		23.95
WIMBLET INT. SOCCER	30.85	23.95
WHALAS VOYAGE		23.95
WILD CLIP SOCCER		23.95
WORLD CUP GOLF		17.95
ZOO!	20.95	17.95
ZOOX 2	8.75	19.95



Educational

ADI ENGLISH (11-12 or 12-13)	20.95
ADI ENGLISH (13-14 or 14-15)	20.95
ADI FRENCH (11-12 or 12-13)	20.95
ADI FRENCH (13-14 or 14-15)	20.95
ADI GCSE ENGLISH (1MB)	27.85
ADI GCSE ENGLISH (1MB)	27.85
ADI GCSE MATHS (1MB)	27.85
ADI JUNIOR COUNTING (4-5 or 6-7)	16.85
ADI JUNIOR READING (4-5 or 6-7)	16.85
ADI MATHS (11-12 or 12-13)	20.95
ADI MATHS (13-14 or 14-15)	20.95
ANSWER BACK JUNIOR QUIZ (6-11)	13.95
ANSWER BACK SENIOR QUIZ (12-AD)	9.95
BETTER MATHS (12-16)	9.95
CAVE MAZE	4.95
FRACTION GOBLINS	4.95
FRENCH MISTRESS	13.95
FUN SCHOOL 2 (6-8) (NOT 2000)	6.95
FUN SCHOOL 2 (OVER 8)	6.95
FUN SCHOOL 2 (UNDER 8)	6.95
FUN SCHOOL 4 (6-7)	19.95
FUN SCHOOL 4 (7-11)	19.95
FUN SCHOOL 4 (UNDER 5'S)	19.95
FUN SCHOOL MATHS (7-11) MERLIN	20.95
FUN SCHOOL SPELLING (7-AD)	20.95
GERMAN MASTER	13.95
ITALIAN TUTOR	13.95
JUNIOR TYPIST (5-10)	8.95
MATHS ADVENTURE (6-14)	12.95
MEGA MATHS (A LEVEL)	21.55
MICRO ENGLISH (8-GCSE)	21.55
MICRO FRENCH (BEGINNERS-GCSE)	21.55
MICRO GERMAN (BEGINNERS-GCSE)	21.55
MICRO MATHS (11-GCSE)	21.55
MICRO SCIENCE (8-GCSE) (1MB)	21.55
MICRO SPANISH	21.55
PAINT AND CREATE (OVER 5'S)	20.95
PICTURE FRACTIONS	4.95
PRIMARY MATHS COURSE (3-12)	21.55
READING WRITING COURSE (3-8)	21.55
REASONING WITH TROLLS	9.95
SCRODGE (A CHRISTMAS CAROL)	4.95
THE THREE BEARS (5-10)	4.95
TIME FLIES	4.95
WIND IN THE WILLOWS	9.95

PRICE LIST

on a disk!

only
£1

Cost for all software & accessories
includes the majority of all games
required for the system games

(Weighted in more required)

Miscellaneous

4 Player Adapter	6.95
Head Cleaner (3.5")	1.95
Mouse	14.95
Mouse Base	2.95
Mouse Mat	2.95
AS50 Expansion upgrade with clock	0.35Mb 27.95
AS50 Expansion upgrade without clock	0.35Mb 24.95
AS50/16 RAM upgrade	1MB 55.95
AS50 Expansion upgrade with clock	1MB 51.95
Parallel port extension cable	
Parallel printer cable (1.8m)	4.95
Parallel printer cable (3m)	10.95
Rotational (Auto) non-rotational (static)	
2 1/2" floppy diskette	87.95

624 DataGEM

Chips and Parts Orders to

0688

Representative At 24 PWD


Gratuity against cheque

Be despatched immediately

Postage and VAT are added

Qty	DSDD	DSHD
10	4.95	7.80
20	9.85	15.35
25	11.95	18.25
30	14.25	21.80
35	16.65	25.20
40	18.55	28.60
45	18.65	32.10
50	18.75	34.40
80	29.95	52.30
100	33.99	61.90
120	40.75	72.40
150	48.95	90.25
200	64.95	115.75
250	80.95	143.30
300	96.95	170.75
400	128.99	221.70
500	148.95	269.65

ALL OUR DISKS COME WITH LABELS
AND ARE FULLY GUARANTEED



500 to 500+
600
1200

42.9
37.9
47.9

Workstations include: computer,
mouse house and dust cover

10	0.94
40	4.91
50	5.60
80	6.30
80	12.91
100	6.80
110	13.91
120	8.71

AMIGA 500 or 500+	3.85
AMIGA 600	2.85
AMIGA 1200	3.95
CD32	1.95
STAR LC10 SERIES PRINTER	1.85
STAR LC14 SERIES PRINTER	6.95
MONITOR	6.95

Joysticks	
AMIGA ANALOGUE joystick	3.00
(Use any PC analogue joystick)	
2D+ a/s	9.00
COMPETITION PRO 800 - BLACK	16.00
GREENWHEEL - ANALOGUE (P4712)	36.00
GREENWHEEL - DIGITAL (P7011)	27.00
J. GORDAN a/s	66.99
MAVERICK 1 a/s (Q5120F)	13.75
MAVERICK 3M a/s (Q5120F)	13.75
MAVERICK 8 a/s (Q4520)	17.50
MICRO-CHIEF 1M a/s (Q310)	13.75
NAVIGATOR a/s	9.00
PINPOINT a/s (P7152)	9.00
PYTHON 1M a/s (Q5137F)	14.99
QUICKJOY 1 TURBO (S5101)	4.95
QUICKSHOT 1	4.95
QUICKSHOT II TURBO a/s (Q5111)	11.00
SPIDERJOY a/s	7.50
SPIDERJOY ANALOGUE	7.50
STARFIGHTER / PAD a/s (Q5200)	13.50
STAR PROJE a/s	13.50
THE BUG a/s (BLACK & GREEN)	11.50
TOPGAL a/s (S5171)	25.50
ZIPSTICK a/s	11.50

PRICE LIST
on a disk!

only
£1

£1.95 for 10 hoursworth of computer
credits for hundreds of games
various puzzle boarder games

(MegaDisc or more required)

* Player adaptor	6
Head Cleaner (3.3")	14
Mouse	14
Mouse Hazer	2
Mouse Mat	2
4500 Expansion upgrade with clock	0.53M\$
4500 Expansion upgrade without clock	0.53M\$
4500plus RAM upgrade	1M\$
4500plus RAM upgrade with clock	1M\$
Parallel port extension cable	
Parallel printer cable (15m)	
Parallel printer cable (30m)	
Robotdust (Acute mouse/hydraulic switch)	10
2 x 8 Stereo Speakers	97

MAILORDER SHOP

MON-FRI	10AM-8PM	10PM-8PM
SATURDAY	10AM-8PM	10AM-4PM
SUNDAY	10AM-8PM	CLOSED

has supplied computer hardware and software to tens of thousands of satisfied customers since 1987.

miga Atari PC Seg

Trust us to have all you need

Fax: 071 608 0688

CanDo 3.0

Despite the availability of many user-friendly languages such as AF67's fantastic Coverdisk program AMOS Professional, programming is still something of an elitist pursuit. The fact is, programming is damned difficult.

Most of us can manage to write a little BASIC program that prints Hello World on the screen a thousand times, but try to write something big and complicated like a database or a game and you'll soon discover that, no matter what your chosen language is, programming isn't as easy as it first appears.

If all of the hype surrounding the release of INOVAtronics' CanDo 3.0 is anything to go by, you don't have to be a great programmer to produce some impressive programs. What's more, INOVAtronics claim that CanDo programs (or decks as they are called) can take full advantage of the Amiga's powerful audio and visual capabilities including the AGA screen modes.

There's no restriction on the type or complexity of programs that you can create either – CanDo has already been used to create Workbench utilities, interactive presentations, games, educational software and even tools for scientific research.

Authoring systems such as CanDo 3.0 remove the drudgery of programming by substituting the programmer's text editor with a friendly mouse-driven front end that



CanDo is just the ticket for creating anything from interactive information systems to Workbench utilities.

INOVAtronics claim that with their new CanDo 3.0 authoring system, you can create just about anything. Jason Holborn puts that claim to the test...

automatically generates all the code necessary to handle the framework and user interface that your application needs. Once this basic framework is in place (its skeleton, if you wish), all that remains is to add the meat – that is, the code required to make your application actually do something useful.

Like all good authoring systems, CanDo is based around a system of cards (hence the reason why CanDo programs are called decks), each of which holds a

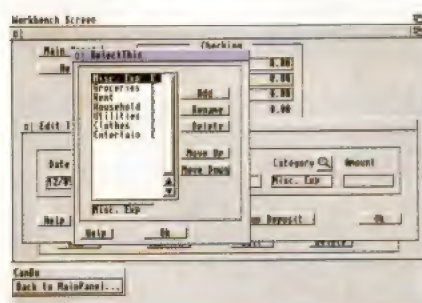
screen or window full of gadgets and all the code required to make those gadgets function. Getting used to working with such an alien system takes some time but you'll be surprised just how quickly you catch on to the idea.

Take an address book utility, for example. In CanDo terms, all you'd have to do is to break the utility down into a series of cards, one for each major function – a main card which acts as a main menu, a card for adding new addresses, another for searching for addresses and so on. If you like, each of the cards represents a major sub-routine.

To help you define your programs, CanDo provides a comprehensive hierarchical system of menus and requesters covering just about every aspect of program design – there's a set of requesters for defining buttons, another for pull-down menus and so on.

This front end has remained relatively unchanged since the release of CanDo version 1.0 but, bowing to considerable pressure, INOVAtronics have now

Continued overleaf →



Even if you don't want to dabble with multimedia, CanDo can be used to create Workbench utilities.

THE CANDO MAIN PANEL

At the heart of CanDo 3.0 is the program's main panel which, as any existing CanDo users will have already worked out for themselves, has undergone a considerable facelift over previous versions to give it that extra sparkle of professionalism that was sadly lacking before.

This main panel forms the heart of CanDo – from here you can test your deck, add and delete new cards and so on. You can also create all manner of CanDo objects (buttons, scroll gadgets, pull-down menus and so on) using the scrolling objects toolbar on the right-hand side of the panel display.



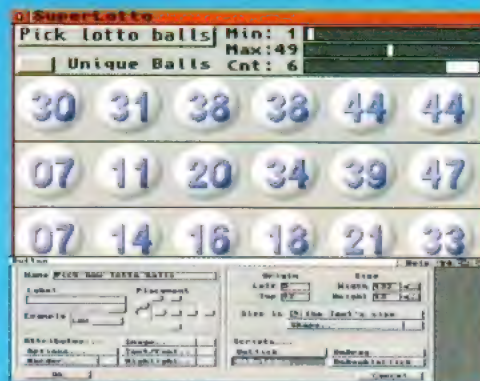
If you're a potential CanDo user then you'd better get used to this screen because you'll be seeing a lot of it!

CANDO PROGRAMMING

If you're one of the many Amiga users who shudder at the thought of having to learn to program, an authoring system such as *CanDo 3.0* may appear to be an ideal alternative – after all, those icons and requesters certainly look a lot easier to handle than a programming language.

Unfortunately, even *CanDo 3.0* isn't completely free of coding. Although *CanDo's* comprehensive set of requesters take the drudgery out of designing your application's front end, you still need to tell *CanDo* how each and every gadget, pull-down menu option and scroll box that you define should behave. Without this all-important code, nothing happens whenever you attempt to interact with your *CanDo* Deck.

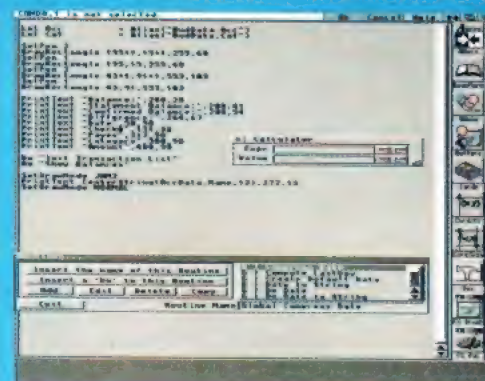
Every *CanDo* object that you define can have a script assigned to it. Indeed, some objects can have two or more scripts attached to them which are performed according to how you interact with that object – a button, for example, can have a separate script attached to it that is performed



Each and every object that you create must have at least one control script assigned to it.

when you click on it once, double-click on it and so on. Cards can also have scripts that are performed when you activate or leave that card.

CanDo's scripting language is a fully-fledged programming language capable of handling just about any task you care to throw at it. Like a real language, *CanDo's* script language contains all the



CanDo scripts look no different from the code you'd generate with a dedicated programming language. usual decision making and program control constructs that you'd expect from a structured programming language. It also fully supports all manner of variable types (including arrays) and has a built-in subset of database management commands making applications that need to maintain complex lists of data easy to create.

← overhauled many aspects of the interface. The most striking changes have taken place on *CanDo's* main panel which now looks far more professional.

Clicking on any one of the many object icons available from *CanDo's* main panel brings up the editor for that particular type of object. If, for example, you click on the button icon, *CanDo* asks you to define the position and size of the button. Once you've done this, the button editor requester appears on screen. From here you can fine tune the appearance and operation of the button to suit your particular application.

As well as attaching scripts to the button, *CanDo* also provides a fair amount of cosmetic control over the buttons – you can, for example, assign a brush image to the button, change the button's border image and even control what happens when you click on the button.

Creating an application in *CanDo* takes time but it's a lot quicker than writing an

application from scratch using a traditional programming language. Don't expect to dive into *CanDo* and immediately start churning out top-notch applications and breath-taking games straight away – although you should be able to get to grips with *CanDo's* interface design tools fairly quickly, it's unlikely that you'll find *CanDo's* script language as accessible. Like all programming languages learning *CanDo's* scripting functions takes a considerable amount of time and practice.

CanDo 3.0 certainly isn't aimed at users who want to create great programs but are afraid of coding – whether you like it or not, you're still going to have to be a pretty mean coder to produce a complex application like a database.

For simple training systems and even small utilities, however, *CanDo 3.0* (and its brilliant manual) still manages to take most of the pain out of program development. Indeed, the only major spanner in *CanDo's* works is its price – £170 is just too expensive.

ROOTING OUT THE BUGS

Developing an application in *CanDo 3.0* may be very easy but that doesn't stop bugs creeping in to *CanDo* scripts. Debugging any programming language can be both frustrating and time-consuming and so INOVAtronics have developed a separate utility called *CanDeBug* (\$199, about £130), a dedicated *CanDo* debugger utility designed to take the pain out of finding and removing bugs in *CanDo* scripts.

CanDeBug lets you examine *CanDo* scripts while they are running so that you can see the effect of each instruction on a *CanDo* deck. Like all good source level debuggers, you can step through scripts a line at a time or even use a system of breakpoints to define stopping places in scripts. *CanDo* automatically traps syntax errors but *CanDeBug* comes in really handy for logic errors – bugs that are introduced due to errors in the design of the code.

WHAT'S NEW IN VERSION 3.0?

MAIN PANEL: *CanDo's* main panel has been overhauled to make it cleaner and much easier to use.

OBJECT CURSOR: Edit the size and position of objects at any time by dragging out control points. Object alignment is much easier too thanks to *CanDo's* all-new Snap To Grid and Alignment requester.

IMPROVED SCREEN AND WINDOW HANDLING: As well as full AGA support, *CanDo 3.0* provides improved control of screen and window attributes including better public screen support.

OBJECT BROWSER: Shows list of current objects in card.

PALETTE/BRUSH FX EDITOR: 50 brush and 27 new palette and genlock effects, all of which can be edited. Supports AmigaDOS 3.0's palette protection feature.

IMPROVED OBJECTS: Virtually all of *CanDo's* gadget types have been improved. The field object, for example, is now fully font and colour sensitive.

CANDO 3.0

DISTRIBUTOR

Silica Systems 0181 309 1111

PRICE

£169

SPEED

Although they slow down on an A500, *CanDo* decks run at an acceptable speed on an A1200.

MANUAL

A massive ring-bound affair that is almost too detailed.

ACCESSIBILITY

Despite that friendly front end, *CanDo's* script language still takes time to learn.

FEATURES

CanDo is a very powerful authoring system which uses the Amiga particularly well.

VALUE

INOVAtronics should take a long, hard look at their pricing policy – *CanDo 3.0* is just too expensive.


"A powerful authoring system that is let down only by its rather high asking price."

75%

IT'S ONLY A VIDEO

NOT!



WITH WAYNE'S WORLD 2 COMES THE CHANCE OF
WINNING BACKSTAGE PASSES TO A MAJOR ROCK
EVENT OR ONE OF A 1000  CD'S

OUT TO BUY FROM JANUARY 2nd

See video pack for details of promotion - no purchase necessary. To obtain your scratchcard send an S.A.E to Ping Promotions Ltd, Mill Studio,
Crane Mead, Ware, Hertfordshire SG12 9PY. Closing Date 31/5/95.
Promoter: CIC Video, Gienhorne House, 5-17 Hammersmith Grove, London W6 0ND. Do not send entries to this address.
TM & Copyright © 1993 by Paramount Pictures. All rights reserved. Soundtrack album available on Compact Disc, cassette and record.



SOFTWARE

Some of the following games titles are limited offers at the time of going to press. Order early to avoid disappointment. We stock all the latest titles which we offer at **30% OFF** R.R.P.

EDUCATIONAL

10/10 Early Essentials	17.99
10/10 Essential Maths	17.99
10/10 Junior Essentials	17.99
10/10 Maths (Number)	17.99
10/10 Maths (Algebra)	17.99
10/10 Maths (Statistics)	17.99
10/10 English	17.99
10/10 Structured Spelling	17.99
10/10 French	17.99
10/10 German	17.99
10/10 Dinosaurs	17.99
10/10 Driving Test	17.99
ADiEnglish(11/12or12/13)	16.99
ADiEnglish(13/14or14/15)	16.99
ADiEnglish GCSE	22.99
ADiFrench(11/12or12/13)	16.99
ADiFrench(13/14or14/15)	16.99
ADiFrench GCSE	22.99
ADiMaths(11/12or12/13)	16.99
ADiMaths(13/14or14/15)	16.99
ADiMaths GCSE	22.99
ADiJunior Counting(4/5)	13.99
ADiJunior Counting(6/7)	13.99
ADiJunior Reading(4/5)	13.99
ADiJunior Reading(6/7)	13.99
Better Maths (12-16)	13.49
Cave Maze	10.99
Count and Add	16.99
Fraction Gobblins	10.99
French Mistress	15.99
FunSchool2(2-6,6-8,or8-)	6.99
FunSchool3(2-5,5-7,or7-)	13.99
FunSchool4(2-5,5-7,or7-)	16.99
FunSchool Maths 7-11	16.99
FunSchool Paint-Create	16.99
FunSchool Spelling 7+	16.99
German Master	15.99
Kid Pix (Paint Package)	16.99
Maths Adventure	16.99
Maths Dragons	10.99

Triple Action 1	Triple Action 3
Deuteros	Ilus the Fox
Hammer Boy	Ghostbusters2
Battle Valley	Tarohan
£9.99	£9.99

Triple Action 4	Triple Action 5
Blues Brothers	Crazy Cars 3
Satan	Battletech
Maya	Grand Prix Master
£9.99	£9.99

AwardWinners2	SIM CLASSICS
Sensible Soccer 93	SIM CITY
J. White Snooker	SIM ANT
Elite and Zool	SIM LIFE
£19.99	£23.99

Maths Mania (over 8)	13.49
Mavis Beacon Typing 2	19.99
Mega Maths	16.99
Micro English	16.99
Micro French	16.99
Micro German	16.99
Micro Maths	16.99
Micro Science	16.99
Micro Spanish	16.99
Noddy's Playtime	16.99
Noddy's Big Adventure	16.99
Paint Me a Story	14.99
Picture Fractions	10.99
Reasoning With Trolls	10.99
Telling The Time	10.99
Tidy The House	10.99
Time Flies	10.99
DISTANT SUNS V5(HD)	22.99

CD32 SOFTWARE

Arabian Nights	7.99
Arcade Pool	10.99
Banshee	16.99
Bubble and Stix	9.99
Bubble and Squeak	19.99
Cannon Fodder	20.99
Chuck Rock 1	9.99
Chuck Rock 2	9.99
Darkseed	19.99
Dizzy Enchant Worlds	10.99
Fields of Glory	19.99
Fire Force	7.99
Frontier Elite 2	19.99
Guardian	19.99
Gunship 2000	19.99
Heimdall 2	22.99
Humans 1 and 2	22.99
Impossible Mission	19.99
James Pond 3	22.99
JetStrike	16.99
Jungle Strike	19.99
Kid Chaos	17.99
Labyrinth	16.99
Legacy of Sorasil	19.99
Liberation-Captive 2	19.99
Little Devil	19.99

POST HASTE

11a, Burgate Lane, Canterbury, Kent. CT1 2HH
TRY US.. WE LIVE UP TO OUR NAME.. RING NOW!!!
TEL.0227-764204 9.30am to 7.00pm
(Answerphone outside normal hours)

GAMES

688 Attack Sub	9.99
A-Train + Constr. Set	11.99
Action Fighter	4.99
Action Stations	7.99
Addams Family	7.99
Air Bucks 1.2	10.99
Alfred Chicken	9.99
Alien Breed 92	7.99
Another World	9.99
Apidyia	7.99
Arabian Nights	7.99
Arcade Pool	7.99
Archer Mcleans Pool	10.99
Assassin (Special Ed.)	7.99
Batman The Movie	4.99
Battle Squadron	4.99
Birds of Prey	10.99
Black Crypt	9.99
Blasteroids	4.99
Blitzkrieg - War Game	7.99
Body Blows	9.99
Bubba'n Stix	9.99
Cadaver + Add-on	10.99
Cannon Fodder	12.99
Captive	7.99
Caesar Deluxe	10.99
Carrier Command	4.99
Champ. Manager 93	12.99
Champ. Manager EOS Data	10.99
Chuck Rock 2	7.99
Colossus Chess X	4.99
Cruise for a Corpse	9.99
Crystal Kingdom Dizzy	7.99
Curse of Enchantia	9.99
Cybercon 3	9.99
Deluxe Strip Poker 2	7.99
Desert Strike	9.99
Disposable Heroes	7.99
Dogfight	11.99
DONKI	7.99
Dune	9.99
Dune 2	10.99
E-Motion	4.99
EPIC	10.99
Eye of Beholder 1 or 2	11.99
F15 Strike Eagle 2	11.99
F19 Stealth Fighter	11.99
F29 Retaliator (Not A600)	9.99
F117A Nighthawk	11.99
Falcon	9.99
Fantastic Dizzy	9.99
Future Wars	9.99
Genesis	9.99
Ghouls 'n' Ghosts	4.99
Goblins	9.99
Graham Gooches Cricket	12.99
GRAND PRIX (Microprose)	11.99
Gunboat	9.99
Gunship	9.99
GUNSHIP 2000	11.99
Heart Of China	7.99
Heimdall (Not 1200)	9.99
Hero Quest 2 (Sorasil)	11.99
Hook	7.99
Hoyle's Games 1.2 or 3	9.99
Indianapolis 500	9.99
Indy Jones LC-Action	4.99
Indy Jones-L.C. Gr Adv	9.99
Jack Nicklaus Golf	6.99
Jaguar XJ220	7.99
Jimmy White Snooker	9.99

Lost Vikings	19.99
Lotus Trilogy	19.99
Microcosm	29.99
Morph	9.99
Naughty Ones	16.99
Nick Faldo	22.99
PGA Euro.Tour	19.99
Premiere	9.99
Pinball Fantasies	22.99
Rise of the Robots	24.99
Robinsons Requiem	22.99
Sabre Team	19.99
Sensible Soccer Int'l	16.99
Simon The Sorcerer	24.99
Striker	19.99
Subwars 2050	19.99
Super Stardust	19.99
Superfrog	10.99
Theme Park	22.99
Top Gear 2	17.99
Tower Assault	19.99
Trivial Pursuit	12.99
Trolls	7.99
U.F.O.	19.99
Universe	22.99
Ultimate Body Blows	19.99
Video Creator	24.99

Any 3 titles £4.99 or less for £10.00
Any 3 titles £7.99 or less for £20.00
Any 3 titles £9.99 or less for £25.00

John Madden Am. Football	9.99	Rodland	7.99
K240	9.99	Rorkes Drift	4.99
KGBI	10.99	Rubicon	7.99
Kings Quest 1 or 2	9.99	Santas Xmas Capers	6.99
Kings Quest 3 or 4	11.99	Sensible Soccer 92/93	9.99
Knight of the Sky	11.99	Sensible Soccer Int'l.	14.99
Leander (psynopsis)	7.99	Shadowlands	7.99
Leisure Suit Larry 1 or 2	9.99	Shuttle	10.99
Leisure Suit Larry 3	11.99	Silent Service 2	11.99
Linx Golf (2 drives)	11.99	Sim City Classic	9.99
Lombard RAC Rally	6.99	SIM LIFE (1.5 MB)	7.99
Loom	9.99	Simpsons	7.99
Lure of the Temptress	10.99	Skidmarks	12.99
M1 Tank Platoon	9.99	Sleepwalker	7.99
Manhunter in New York	9.99	Space Crusade(OK 1200)	7.99
Maniac Mansion	9.99	Space Crusade Expansion	7.99
Midwinter 2	11.99	Space Quest 1 or 4	11.99
Mig 29 Superfulcrum	10.99	Space Quest 2	9.99
Monkey Island	10.99	Speedball 2	7.99
Monkey Island 2	11.99	Streethunter	4.99
Monty Python	4.99	Streethunter 2	10.99
MORPH	7.99	Stunt Car Racer	4.99
Nick Faldo Golf	9.99	Supremacy	9.99
Operation Stealth	9.99	Swiv	4.99
Ork	7.99	Tennis Cup 2	7.99

TOP TITLES SPECIALS

ArmourGeddon2, Benefactor, Bubble-Squeak, Burntime, Champ.ManagerItalia, Football Glory, Jungle Strike, Kid Chaos, Micro Machines, PGA Euro.Tour, Pinkie, Premier Manager3, Ruff'n'Tumble, Scrabble, TacticalManager (GB,SCO or IT), The Clue, Topgear 2**£16.99 EACH**

2nd.Samurai, All New Lemmings, Aladdin, Cannon Fodder2, Club Football, Elite2, FIFA SOCCER(RING), Football Master, Kick Off 3(Euro), Man.Utd.Champs. Monopoly, Mortal Kombat2, OnTheBall(League), PuttySquad, Sensible Golf(RING),Sensible World Of Soccer(RING), Stable Master, Valhalla, Zeewolf.....**£19.99 EACH**

Ben' Steel Sky, Civilisation, FieldsOfGlory, Detroit, Heimdall 2, ImpossibleMission, Lords of the Realm, Robinsons Requiem, Reunion, SimonSorcerer, Starlord, Ishar3, Theme Park **£22.99 EACH**

Indiana Jones Fate Atlantis, Campaign 2, Innocent, KingsQuest 6, Universe.....**£23.99 EACH**

RISE OF THE ROBOTS.....**£24.99 EACH**

Outrun (Not A1200)	4.99	Test Drive II	6.99
Pacific Islands	9.99	The Games Espagna	8.99
Parasol Boy 2	7.99	Their Finest Hour	10.99
Parasol Stars	7.99	Their Finest Missions	7.99
PGA Tour Golf	10.99	Thomas Tank Engine	6.99
Pinball Magic	7.99	Thunderhawk	6.99
Pirates	9.99	Total Carnage	6.99
Police Quest 1, 2 or 3	10.99	Tower Assault-Alien Breed	13.99
Populous + Lands	10.99	Trivial Pursuit	6.99
Populous 2	9.99	Turrican II	7.99
Powermonger+Editor	9.99	Video Kid	7.99
PP Hammer	4.99	Whales Voyage	9.99
Premier Manager 2	9.99	White Death - War Game	7.99
Prince of Persia	6.99	Wing Commander	9.99
Project X	8.99	Winning 5 Compilation	7.99
Quest for Glory 1	11.99	Wiz'n'Liz	7.99
Quest for Glory 2	13.99	World Class L'Board Golf	4.99
Qwak	8.99	Worlds of Legends	11.99
Railroad Tycoon	11.99	WWF Wrestlemania	7.99
Realms	9.99	Xenon	3.99
Rainbow Islands	6.99	Xenon 2	7.99
Reaches	9.99	Yol Joel	9.99
Reach For the Skies	10.99	Z-Out	4.99
Rick Dangerous	4.99	Zak McKracken	9.99
Rick Dangerous 2	4.99	ZOOL	7.99
Road Rash	8.99		
Robocop	4.99		
Robocop 3	9.99		
Robocop (JamesPond2)	7.99		

All Prices Include Delivery To Your Door.

FEBRUARY ORDER FORM

Name _____
Address _____
Tel.No. _____
Cheque/Credit No. _____
Expiry Date _____ Description of _____
Customer Ref.No. _____ Machine _____
Titles _____

SERIOUS

VIDEO & MULTIMEDIA

Adorage	54.99
Big Altern Scroller 2	54.99
Broadcast Titled 2	149.99
Scala HT100	39.99
Scala 300M	309.99

WORDPROCESSING

Final Copy II V2	49.99
Final Writer V2	69.99
SoftFaces 1.2,3 or 4(Fonts)	54.99
SoftClips	37.99
Penpal	29.99
Protext 4.3	39.99
Wordworth 3.1 SE	42.99
Wordworth 3A	99.99
Typesmith V2	99.99

SPREADSHEET

Turbo Calc V2.0	59.99
Maxiplan V4	22.99

INTEGRATED (WP/SS/DB)

Mini Office	37.99
Gold Disk Office	49.99

DESKTOP PUBLISHING

Pro Draw 3	89.99
Outline fonts	99.99

CAD

X-CAD 2000 (Unboxed)	24.99
X-CAD 3D	299.99
X-CAD Professional	89.99

ACCOUNTS

Money Matters	34.99
Cashbook/Final Accounts	42.99

GRAPHICS

Deluxe Paint IV AGA	64.99
Brilliance 2	49.99
Spectracolor	54.99
ProFiles	24.99
Art Department Pro 2.15	129.99
Morph Plus	139.99

3D MODELLING & RENDERING

Lightwave 3D	399.99
4D-Professional	199.99
Sculpt 3DXL	49.99
Sculpt Animate 4D	99.99
Vista Professional V3	23.99
Vista Lite	23.99
Makepath(Vista Pro)	9.99
TerraForma(Vista Pro)	9.99
Imagine 3 SPECIAL	119.99
Essence 1 or Essence 2	64.99
Real 3D Pro/Turbo V2	319.99
Real 3D Classic	67.99

PROGRAMMING

Easy AMOS	22.99
AMOS Professional	32.99
AMOS Pro Compiler	22.99
Kraft for AMOS	16.99
Devpac 3	49.99
Hisoft Pascal	74.99
Hisoft Basic V2	64.99

MUSIC

Bars & Pipes Pro 2	199.99
Deluxe Music C. Set 2	59.99
Megalosound Sampler	26.99
Technosound Samples V2	34.99
Mid Interface + Lead	19.99

MISCELLANEOUS

PC Task	34.99
Directory Opus 4	54.99
Dir. Works 2	39.99

AGA SOFTWARE

Air Bucks 1.2	10.99
Aladdin	19.99
ALFRED CHICKEN	9.99
Banshee	19.99
Body Blows AGA	8.99
Burntime	16.99
CHAOS ENGINE	12.99
Civilisation	19.99
Detroit AGA	22.99
Fields of Glory	22.99
Football Glory	19.99
Guardian	19.99
Gunship 2000	22.99
Heimdall 2	22.99
Impossible Mission	22.99
Ishar 3	21.99
Jungle Strike	17.99
Jurassic Park	16.99
Kick Off 3(European)	19.99
LIBERATION	12.99
Lion King	19.99
Lords of the Realm	22.99
Marvins Marvellous	19.99

ADVANCE BOOKINGS

We accept advance orders for new releases. You can order with peace of mind as we will despatch on day of release. Your account will not be debited until date of release.

Disk Expander	29.99
GB Route Plus (New Vers)	34.99
Video Back-up	49.99
Icon Paint	7.99
Maxxon Magic	22.99

BOOKS

Amiga A600 Insider Guide	12.99
Amiga 1200 Insider Guide	12.99
Amiga 1200 Next Steps	12.99
Amiga Assembler Insider	12.99
Amiga Disks & Drives	12.99
Assembler Insider Guide	12.99
Mastering Amiga Arrex	17.99
Mastering Amiga AMOS	15.99
Mastering AmigaDos2	14.99

HARDWARE

A1200 Basic Pack	Ring
A1200 Innovations Pack	
Amitek 2MB Hawk Board	12
Amitek 4MB Hawk Board	
Viper 030 Accelerator	15
170MB for A600/A1200	
250MB for A600/A1200	22
Amitek 3.5" External Drive	5
A500 3.5" Internal Drive	3
A600 1Mb Upgrade	3
A500 Plus 1Mb upgrade	3
A500 512k Ram (no clock)	2
A500 512k Ram + clock	2
1.5 Mb Ram Expansion	7
1 Mbyte Simms	
AT-Once PC 286 Emulator	18
Rombo Vidi 12 Pack	6
Sharp JX100 A6 Col. Scanner	37
Eclipse Mouse	
MegaMouse (Microswitched)	1
Mouse Mat	

Programming games in C or Assembly doesn't have to be painful. Jason Holborn shows you how to avoid distress with help from HiSoft's new games development system.

GameSmith

While BASIC programming languages like AMOS Professional and Blitz Basic 2 have made games programming less of an elitist profession, even the most ardent AMOS fan will admit that they don't provide the same raw speed as pure Assembly language code. However, programming a game from scratch in Assembly language is about as easy as tight-rope walking in snow boots.

But with HiSoft's new GameSmith development system, games programming could be within the reach of us mere mortals. Designed for Assembly language and C programmers, HiSoft claim that GameSmith provides everything you need to write any type of game you could imagine. Shoot-em-ups, platformers, adventures – even *Shadow Of The Beast*-style parallax arcade games could be within your reach. And you don't need either an assembler or a C compiler to use GameSmith – HiSoft

GameSmith provides an impressive level of control over the Amiga's video and sound hardware. This program, for example, illustrates GameSmith's impressive parallax scrolling capabilities.



even include special GS versions of *Dice C* and its own *Deepae 3* assembler (minus the *MonAm* debugger, however).

The heart of GameSmith is a library file attached to the object file generated by your assembler or compiler using a linker such as Blink. C programmers will find GameSmith most accessible because all the various demonstration listings and syntax definitions in the book are listed in C. The registers required for passing parameters in Assembly language are also listed.

To help you use GameSmith, HiSoft include some demonstration listings which are backed up by a tutorial in the manual which shows you how to use GameSmith to create a simple tank battle game. But very little coverage is given to the actual mechanics of games programming – if you don't already know how to write a game, the manual isn't going to help.

The range of functions offered by GameSmith covers just about every hardware level call that a games programmer could ever need. GameSmith

provides commands that let you define multiple viewports and bitmaps (with full AGA support), load IFF graphics into a bitmap, access the Amiga audio system, hardware and software (blit) scroll a bitmap and animate blitter objects and hardware sprites with ease.

In many ways, GameSmith is like a low-level version of AMOS Professional – it's not quite as user friendly (assembler listings tend to crash more than AMOS programs), but you get that same feeling of being shielded from the complexities of the Amiga's unfriendly Operating System.

GameSmith is a very powerful (and OS legal) package. Although it removes much of the drudgery of writing handler code for sprites, screen scrolling and so on, it isn't as accessible as HiSoft claim. Unless you have a solid working knowledge of C or Assembly and a rudimentary knowledge of the Amiga's system structures, you're likely to get bogged down. But if you're not afraid of getting your hands dirty GameSmith is worth investigating.

FUN WITH CITAS



GameSmith's powerful CITAS animation utility lets you create complex animated objects which can quickly and easily be incorporated into your own C or Assembly code.

One of the most complicated aspects of programming a game is that of coding the routines responsible for handling the animation of in-game objects such as animated background tiles, blitter objects and so on. To make life easier, GameSmith has a powerful tool called CITAS which provides a quick and easy method of constructing animation objects which can be displayed by GameSmith's various object handling routines.

Once you've created the image data for your anim objects using a paint program, each frame must be loaded into CITAS separately. Once they are all loaded, you can control the playback sequence and even define a collision table which tells GameSmith how to interpret collisions between the objects in your game. You can, for example, define a smaller rectangular region within a frame as a collision area so that only that area registers a collision. Say, for example, you were writing a *Street Fighter* clone – you could use this powerful facility to define areas of a fighter's body as hot spots (such as feet and fists).

GAMESMITH

DISTRIBUTOR
HiSoft 01525 718181

PRICE
£99.95

SYSTEM REQUIREMENTS
C compiler or an assembler.

SPEED ●●●●●
Like most programs, GameSmith code requires optimising to get it running as fast as possible.

MANUAL ●●●●●
A comprehensive and well-written manual detailing each and every function perfectly.

ACCESSIBILITY ●●
GameSmith is definitely for the more technically capable user.

FEATURES ●●●●●
A powerful and complete development system. Some form of map editor would have been nice.

VALUE ●●●●●
Bearing in mind that you also get a free C compiler and assembler, GameSmith is very good value.

"If you know your opcodes from your interrupts, GameSmith is worth investigating."

80%



X-Link 288

£249.99 ■ Wizard Developments
(01322 272908)

BABT approved

The prize for the most stylish modem has to go to the X-Link 288 from Wizard Developments, a 28,800 baud modem that performs as well as it looks. If you're a bit short of desk space, the X-Link comes complete with an attachment which allows it to stand on its side or it can still be positioned on its belly. Even the X-Link's status display is stylish with little red icons that light up when the modem is in operation.

In terms of specifications, the X-Link 288 is a giant killer. Although – like the Speed Com+ – it isn't V.34 compatible, it fully supports the V.Fast Class standard for full 28,800bps data transmission. Its fax capabilities are equally impressive and, although it doesn't come with fax software, Wizard sell *TrapFax* for £35 (a fiver cheaper than the recommended retail price) if you buy the modem from them. Like its major rivals, the X-Link fully supports Group 3, Class 1 and 2 fax modes. Feature for feature, there's little to separate the X-Link from the Speed Com+ which is its closest (and cheaper) rival. Comparing it to the USR 28,800 is a little unfair because the US Robotics model is fully V.34 compatible. But the X-Link 288 is BABT approved so that extra £35 may be worth spending.

80%

Depeche

You've read our feature on communications – now get on-line with one of these high speed modems. **Jason Holborn** rides the wave.



Sportster USR 28,800

£279.99 ■ First Computer Centre
(01532 319444)

BABT approved

US Robotics' modems have always been a firm favourite in the *Amiga Format* office and this new model from the American modem manufacturer certainly isn't going to tarnish that reputation. Modelled in the same rather tacky casing as its V.32bis forerunner, the USR 28,800 certainly isn't going to win any prizes for either beauty or design. Indeed, it's possibly the ugliest modem I've ever encountered!

As the old saying goes, however, looks can be deceptive – look beyond its grotesque styling and you'll find a perfectly respectable modem. The USR 28,800 is the only 28,800 baud modem on test to fully support the new V.34 standard. This means that it automatically slows the transmission speed if the line quality should suddenly deteriorate, reducing the chances of the modem suddenly dropping the carrier.

As you'd expect from a modem of the price, the USR 28,800 provides full fax support when used in conjunction with either the *TrapFax* or *GPFax* programs. Although it may be a bit on the expensive side, the USR 28,800 currently represents the state-of-the-art in modem technology and it's still the only 28,800 modem to fully support the V.34 standard. Like a can of Heinz baked beans, you get what you pay for.

88%



Speed Com+ 28800

£214.99 ■ Siren Software ■ (0161 796 5279)

The award for the cheapest 28,800 baud modem has to go to the Speed Com+ from Siren Software. Officially endorsed by HiSoft for use with its *Termite* Comms package (see boxout), the Speed Com+ is also the smallest modem on offer. Looking more like a radio alarm clock than a high-performance modem, the Speed Com+ has a small but functional status display on its fascia and little else.

Unlike the two other modems featured here, the Speed Com+ is not BABT approved so – in theory at least – it should not be used on a BT telephone system. The Speed Com+ is very well endowed. Boasting full V.Fast Class and V32terbo support, it can communicate at a rate of 28,800bps. Surprisingly, however, it is not fully V.34 compatible (despite the fact that the V.34 standard has now been finalised) so bear this in mind when making your buying decision. On the fax side, the Speed Com+ performs admirably. Boasting Class 1 and 2 plus Group 3 fax support, it can send and receive faxes using any common fax programs. In all, the Speed Com+ offers tremendous value for money. The lack of BABT approval could prove a problem if the man from BT turns up on your doorstep...

85%

modems

PROTOCOLS EXPLAINED

The three modems featured here support data transfer rates of up to 28,800 baud. As is the case with all new technology, however, the introduction of this new breed of modem has brought with it a whole new bag of protocol jargon that you'll need to be aware of.

V.34 If you want a modem that supports the very latest protocols then make sure that it is fully V.34 compatible. Some older 28,800 baud modems do not support this new protocol but – like the Supra 288 – can be upgraded. Not only can a V.34 modem transfer data at very high speeds, but the V.34 standard also allows the modem to slow down if the quality of the phone line deteriorates.

V.Fast Class (V.FC) The V.FC standard does not have the automatic quality checking that V.34 offers but still allows data to be transferred at a rate of 28,800 bits per second.

V.32terbo The V.32 terbo standard is based around the same technology as V.32bis but it has been improved to allow data transfer at a rate of 21,600 bits per second.

V.32BIS MODEMS

Since the release of high-speed V.34 modems such as the US Robotics model featured here, the price of V.32bis modems has dropped faster than a lead weight. Although V.32bis modems are no longer the fastest modems available (they offer a maximum transfer rate – with data compression switched off – half that of a 28,800 baud V.34 modem), most Comms users should find their performance more than adequate.

Without doubt the cheapest V.32bis modem we've encountered is the X-Link 144, which is now available through *Amiga Format's* Readers' Offers pages (turn to page 120 for full details). Retailing for £139.99, the X-Link 144 supports data transmission up to 14,400 baud but this can be increased still further when the data compression and error correction facilities are switched on. Like all good modems, the X-Link 144 also comes complete with full fax capabilities (although you need to buy separate fax software to take advantage of this facility). Group 3 (class 1 and 2) fax transmission up to 14,400 baud is supported.

ON-LINE WITH TERMITE



Boasting a full Workbench 2.0 front end, *Termite* is a feature-packed Comms package. Here it is seen logging onto the *Amiga Format* bulletin board system, Spong2!

There's a lot more involved in getting on-line than plugging a modem into the serial port of your Amiga. In order for the Amiga to interpret signals from a modem, some form of communications software is required. Surprisingly, there are few commercial packages available due mainly to the widespread availability of PD Comms packages such as *Term* and *NComm*.

PD Comms packages are all very well but the lack of documentation and technical support can be a problem. If you'd rather pay a bit extra for a commercial Comms package, try HiSoft's new *Termite*. Written for all 1Mb Amigas with Kickstart 2.04 (or greater), *Termite* provides everything you need to get your Amiga on line. Supporting speeds up to 115,200 baud, *Termite* can handle standard Amiga XEM terminal emulations and its own built-in ANSI and VT-102 emulation modes. Like the PD program *Term*, *Termite* uses external XPR file transfer libraries. As standard, *Termite* supports Xmodem, Zmodem, Ymodem and Kermit protocols. But, there's nothing really to separate *Termite* from the PD package, *Term* 4.1.

A division of
SOFTWARE PLUS

Britain's largest independent
specialist retailer of
computer games.

SOFTWARE FIRST

Established
1981

AMIGA TITLES

7th Sword of Mendor	CALL	Global Gladiator	£8.99	Second Samurai	£19.99	Front Lines	£99.99	Lost Vikings	£19.99
A Train & Construction Set	£10.99	Goldens 2	£12.99	Secret of Monkey Island (1 Meg)	£11.99	Gunship 9000	£99.99	Lotus Trilogy	£14.99
Air Bucks 1 & 2	£9.99	Graham Gooch Second Innings	£7.99	Sensible Golf	£19.99	Heimdal 2	£19.99	Manchester United Premier League	£19.99
Air Support	£9.99	Graham Gooch Test Match Cricket	£19.99	Sensible Soccer 98/93	£14.99	High Seas Trader	£19.99	Miami Arenas	£14.99
Alfred Chicken	£10.99	Gunship	£7.99	Sensible Soccer Int Edition	£19.99	Impossible Mission	£29.49	Megarace	£99.99
Alien Breed 2 (1 Meg)	£14.99	Gunship 2000	£10.99	Sensible World of Soccer	£19.99	Inferno	£21.99	Microcasm	£36.99
Alien Breed Special Edition (1 Meg)	£9.99	Heart of China	£10.99	Settlers (1 Meg)	£29.99	Ishar 3	£9.99	Mighty Max	£17.99
Another World (1 Meg)	£11.99	Heimdal 2	£14.99	Shuttle	£10.99	James Pond 2 Robocod	£19.99	Morph	CALL
Apolya	£8.99	High Seas Trader	£10.99	Sierra Soccer	£10.99	James Pond 3	£13.99	Nick Faldo Championship Golf	£99.99
All New World Of Lemmings	£19.99	Hoyle Book of Games Vol 1	£10.99	Silent Service 2	£10.99	James Pond Compilation	£19.99	Nigel Mansell World Championship	£14.99
Apocalypse	£17.99	Hoyle Book of Games Vol 2	£10.99	Sim Ant Classic	£10.99	Jetstrike	£18.99	Overkill & Lunar C	£14.99
Aquatic Games	£12.99	Impossible Mission	£29.99	Sim City Classic	£10.99	Jungle Strike	£18.99	PGA European Tour Golf	£18.99
Arabian Nights (1 Meg)	£9.49	Indiana Jones Atlantis Adv (1 Meg)	£8.99	Sim City Classic Pack	£29.99	Kick Off 3	£10.99	Pinball Fantasies	£21.99
Arctian Nights	£6.99	Indiana Jones Fate of Atlantis Action	£10.99	Sim Earth Classic	£10.99	Kid Chaos	£19.99	Pinke	£19.99
Archer McLean's Pool	£11.49	Indy Last Crusade Graphic	£17.99	Sim Life Classic	£10.99	Kings Quest 6	£19.99	Pirates Gold	£19.99
Armour Geddon 2	£17.99	International Manager	£21.99	Simon the Sorcerer (1 Meg)	£19.99	Liberation Captive 2	£19.99	Project A & F17 Challenge	£17.99
Assassin Special Edition	£9.99	Ishar 3	£21.99	Simon the Sorcerer 2	£29.99	Lion King	£19.99	Rise of the Robots	£99.99
AT&T	£17.99	Jack The Ripper	£29.99	Skidmarks (1 Meg)	£17.99	Lords of the Realm	£19.99	Robinsons Requiem	CALL
Award Winners Gold Edition	£19.99	James Pond 2 Robocod	£8.99	Skitchin	£11.49	Mighty Max	£10.99	Ruff N Tumble	CALL
Battlestorm	£4.99	Jimmy Whites Whirlwind Snooker	£11.49	Soccer Kid	£10.99	Morph	£10.99	Sage Team	£19.99
Battleroads	£16.99	John Madden American Football	£10.99	Soccer Team Manager	£8.99	Mutant League Hockey	£18.99	Second Samurai	£13.99
Beastbusters	£2.99	Jurassic Park (1 Meg)	£16.99	Space Hulk	£29.99	Nighty Ones	£18.99	Seek & Destroy	£17.99
Bleau Jolly Compilation	£99.99	K940 (Utopia 2)	£14.99	Space Quest 1	£7.99	On the Ball World Cup Edition	£19.99	Simon the Sorcerer 2	£99.99
Beneath a Steel Sky	£21.99	Kick Off 3	£19.99	Space Quest 2	£11.99	On the Ball League Edition	£19.99	Skeleton Krew	£29.99
Benefactor	£17.99	Kid Chaos	£19.99	Space Quest 3	£19.99	PBA European Tour Golf	£10.99	Skidmarks	£17.99
Birds of Prey (1 Meg)	£11.99	Kids Rule OK	£29.99	Space Quest 4	£10.99	Pinball Fantasies	£10.99	Speedball 2	CALL
Black Crypt	£10.99	Kingmaker	£29.99	Speedball 2	£8.99	Pinke	£19.99	Skitchin	£14.99
Blastar (1 Meg)	£8.99	Kingpin	£19.99	Standard Special Edition	£8.99	Power House	£29.99	Superhog	£9.99
Blot	£6.99	Kings Quest 1	£19.99	Starlord	£29.99	Premier Manager 3	£29.99	Super League Manager	£19.99
Body Blows	£7.99	Kings Quest 2	£10.99	Street Fighter 2 (1 Meg)	£9.99	Putty Squad	£29.99	Super Putty	£11.99
Body Blows Galactic (1 Meg)	£14.99	Kings Quest 3	£10.49	Stunt Car Racer	£4.99	Reunion (Hard disk only)	£29.99	Super Stardust	£19.99
Breach 3	£29.99	Kings Quest 4	£19.49	Super Frog (1 Meg)	£17.99	Rise of the Robots	£21.99	Surf Ninjas	£13.99
Brain the Lion	£17.99	Kings Quest 5	£29.99	Super League Manager	£19.99	Robinsons Requiem	£18.99	TFX	£27.99
Brutal Sports Football	£13.99	Kings Quest 6	£10.99	Super Street Fighter 2	£19.99	Sabre Team	£29.99	Theme Park	£99.99
Bubble N Stix	£19.99	Knights of the Sky (1 Meg)	£9.99	Swiv	£3.99	Sim City 2000	£29.99	Top Gear 2	£19.99
Bubble and Squeak	£95.99	Leander	£19.99	Syndicate	£19.99	Sim Life	£9.99	Total Carnage	£14.99
Bump and Burn	£19.99	Legacy of Sorasil	£19.99	Syndicate (1 Meg)	£19.99	Simon the Sorcerer	£29.99	Total Assault	£19.99
Burntime	£17.99	Leisure Suit Larry 1	£19.99	T2 Arcade Game	£21.99	Simon the Sorcerer 2	£19.99	Trivial Pursuit	£19.99
Caesar Deluxe	£10.99	Leisure Suit Larry 2	£19.99	Tactical Man (Eng, Italy, Scot)	£18.99	Skeleton Krew	£19.99	Trois	£14.99
Campaign 2 (1 Meg)	£29.99	Leisure Suit Larry 3	£19.99	Team 17 Collection (1 Meg)	£19.99	Soccer Kid	£19.99	UFO: Enemy Unknown	£19.99
Cannon Fodder	£19.99	Lemmings 2 The Tribes	£12.99	Ten Intelligent Strategy Games	£19.99	Star Trek (Hard Drive only)	£29.99	Ultimate Body Blows	£29.99
Cannon Fodder 2	£19.99	Units Challenge	£29.99	Ten Intelligent Strategy Games	£19.99	Star Trek 2050	£29.99	Universe	£29.99
Castle Conquest	£29.99	Lords of the Realm	£19.99	Tennis Cup 2	£8.99	Subwar 2050	£19.99	Unidrum 2	£17.99
Champ Manager Compendium	£17.99	Lost Vikings	£19.99	Their Finest Missions	£9.99	Super League Manager	£19.99	Vital Light	£19.99
Champ Manager Italia 95	£10.99	Lotus 2	£8.99	Theme Park	£29.99	Super Locomot	£19.99	Wembley Int Soccer	£19.99
Championship Manager 2	£29.99	M1 Tank Platoon	£7.99	Thomas the Tank Engine Collection	£10.99	Super Stardust	£19.99	Whales Voyage	£14.99
Championship Manager EOS Disk	£19.99	Manchester United 94/95 Data Disk	£7.99	Tom Landry Strategy Football	£19.99	Theme Park 2	£29.99	Wild Cup Soccer	£17.99
Chaos Engine	£19.99	Manchester UTD Premier League	£19.99	Top Gear 2	£17.99	Total Carnage	£19.99	Zoo!	£19.99
Christmas Lemmings 94	CALL	Manhunter New York	£19.99	Tomato	£29.99	Tower Assault	£19.99	Zoo! 2	£14.99
Classic Collection Delphine	£19.99	Manhunter San Francisco	£19.99	Total Carnage	£19.99	TFX	£29.99		
Classic Collection Lucas Arts	£19.99	Maniac Mansion	£11.99	Tower Assault	£19.99	Twilight 2000	£29.99		
Classic Collection Velocity	CALL	Mean Arenas	£9.99	Traps n Treasures	£19.99	UFO: Enemy Unknown	£29.99		
Club Football Manager	£19.99	Micro Machines	£16.99	Trivial Pursuit	£6.99	Wembley Int Soccer	£19.99		
Clue	£19.99	Micro Machines 2	CALL	Turcan 3	£19.99	Zoo!	£19.99		
Colonels Bequest	£19.99	Microprose Grand Prix	£10.99	UFO Enemy Unknown	£29.99	Zoo! 2	£17.99		
Combat Air Patrol (1 Meg)	£16.99	Monkey Island 2 Le Chucks Rev	£19.99	Ultimate Pinball Quest	£19.99				
Corkers Competition	£19.99	Monopoly	£19.99	Universe	£29.99				
Crystal Kingdom Dizzy	£8.99	Mortal Kombat 2	£19.99	Unidrum 2	£19.99				
D Day Beginning of the End	£21.99	Mr Nutz	£16.99	Utopia	£8.99				
D Generation	£10.99	Multi Player Soccer Manager	£6.99	Vehala	£19.99				
Darkshire	£19.99	Mutant League Hockey	CALL	Vital Light	£19.99				
Darkstone	CALL	Nighty Ones	£19.99	Wembley Rugby League	£19.99				
De Luxe Strip Poker 2	£7.99	Nigel Mansell World Championship	£9.99	Wild Cup Soccer	£11.99				
Deepcore	£12.99	North and South	£3.99	Wild Streets	£3.99				
Desert Strike	£9.99	On the Ball League Edition	£18.99	Wing Commander	£9.99				
Detroit	£99.99	On the Ball World Cup Edition	£18.99	Winter Camp	£4.99				
Disposable Hero	£13.99	Overlord	£19.99	Winter Olympics	£19.99				
Dogfight	£10.99	Overlord	£19.99	Wizkid	£9.99				
Dragonstone	£19.99	Perihelion	£19.99	Wonderdog	£7.99				
Dreamweb	£29.99	PGA European Tour Golf	CALL	World Cup USA 94	£19.99				
Dune 2 (1 Meg)	£18.99	PGA Tour Golf Plus	£9.99	World Cup Year 94	£19.99				
Dungeon Master 2	£29.99	Pinball Dreams & Fantasies	£29.99	World of Legends	£14.99				
Efnania	£17.99	Pinball Fantasies	£19.99	WWF European Rampage (1 Meg)	£8.99				
Empire Soccer	£17.99	Pinke	£17.99	Xenon 2	£5.99				
Epic	£11.99	Pirates	£10.99	Zenwolf	£19.99				
Evasive Action	£19.99	Police Quest 1	£13.99						
Eye of the Beholder	£19.99	Police Quest 2	£14.99						
Eye of the Beholder 2	£13.99	Police Quest 3	£19.99						
F1 Championship Edition	£19.99	Power Drive	£19.99						
F117A	£10.99	Premier Manager 2	£19.99						
F15 Strike Eagle 2	£7.99	Premier Manager 3	£17.99						
F16	£4.99	Prime Mover	£10.99						
F17 Challenge (1 Meg)	£10.99	Project X (1 Meg)	£19.99						
Falcon	£7.99	Quest for Glory 1	£19.99						
Fatman	£8.99	Raiden	CALL						
Fields of Glory	£29.99	Reach for the Skies	£10.99						
FIFA International Soccer	£19.99	Real World Football	CALL						
Flashback (1 Meg)	£19.99	Realtime	£10.99						
Football Director 2	£5.99	Reunion	£29.99						
Flight of the Amazon Queen	CALL	Rise of the Robots	£29.99						
Football Glory	£17.99	Road Rash	£10.99						
Front Lines	£29.99	Robinsons Requiem	£21.99						
Frontier Elite 2	£18.99	Robocod 3	£10.99						
Fury of the Furies	£14.99	Ruff N Tumble	£17.99						
G9	£17.99	Rugby League Coach	£19.99						
Games Espana	£11.99	Scrabble	£19.99						

Tel: 0268 725500
Fax: 0268 590076

Telephone Orders:

10am-7pm Mon - Fri, 10am-4pm Sat - Sun. Answering Service at all other times

Callers by appointment only. All prices include VAT & Postage for UK Mainland. Add £2.00 to postage price for Europe and £3.00 for rest of the world. Next day service available £3.70. Please send Cheques/PO's payable to:

SOFTWARE FIRST, 8 BUCKWINS SQUARE, BASILDON, ESSEX SS13 1BJ.

Please allow sufficient time for cheque clearance. Credit cards are not charged until day of despatch.

Please state make and model of computer when ordering.

If you can't see what you want please call, new stock arrives daily.

Some titles may not be released at time of going to press. We supply only official UK product. Formats supported include Amiga, PC, ST, Master System, Megadrive and Game Gear. All prices subject to change without notice.

All items subject to availability. E&OE.

Name			
Address			
Postcode	Telephone		
ITEM	COMPUTER	PRICE	
ITEM	COMPUTER	PRICE	
ITEM	COMPUTER	PRICE	
POSTAGE			
TOTAL			
I enclose a cheque/PO made payable to			
Software First or please debit my Access/Visa:			
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
Expiry Date			
Signature			

CD-ROM Round-up

Jason Holborn dips into the treasure chest of new CD-ROM titles and spins the latest discs on offer for your Amiga.

"The Amiga DTV CD is an absolutely invaluable source of video-related Public Domain and backdrop images."

82%

AMIGA DTV CD

■ £19.95 ■ Almathera Systems ■ 0181 687 0040

This new compilation is aimed directly at Amiga desktop video fans but should also find favour with Amiga users who are interested in multimedia. Top of the contents list is an impressive collection of DTV-orientated utilities sourced from a variety of Public Domain libraries. The utilities on offer include *ImageStudio*, *MainActor*, *VTimer* and a wide range of lesser known PD video ones.

The range of DTV support files is equally impressive with the usual selection of 3D objects (in both *Lightwave* and *Imagine* format), scanned backdrops (in AGA and ECS formats), bitmapped (colour and mono) fonts, outline fonts and clip art taking centre stage. Highly recommended.



"A veritable treasure trove of original Amiga PD software. This disc is a must for all serious Amiga Public Domain fans."

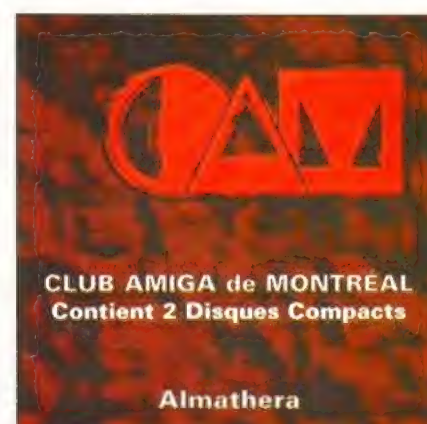
80%

CAM COLLECTION

■ £24.95 ■ Almathera Systems ■ 0181 687 0040

CAM is a French-Canadian Amiga Public Domain collection put together by the Club Amiga Montreal (CAM). Although many of the files on the disc can be found in other Public Domain collections (notably the Fred Fish library), most of the material is original. CAM have tried their best to concentrate on disks with a specific theme (music, DTP, games and so on).

Running from a friendly AmigaGuide-based menu system, over 950 disks have been archived on to the two CAM discs. Some of the programs show their French-origins just a little too much with many of the instructions in French but CAM have tried their best to provide English translations too.



"A very professionally produced and well designed collection of extremely high-quality backdrop images."

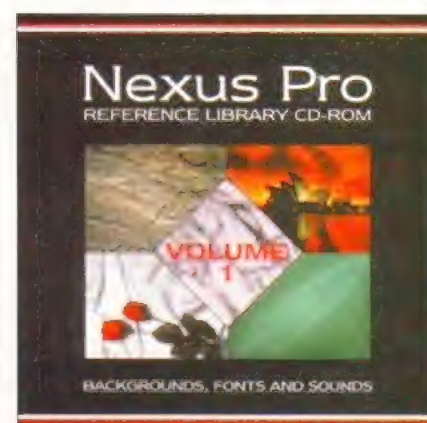
84%

NEXUS PRO

■ £TBA ■ Videoworld Multimedia ■ 0141 641 1142

CD-ROM discs packed with scanned images are hardly a new concept but few are as polished as this offering from Videoworld Multimedia. Aimed at multimedia producers, the disc contains hundreds of high-quality scanned images in a variety of different formats and resolutions including full 24-bit JPEGs, 256-colour IFFs and GIFs.

Taken from the *Nexus Pro* range of background images (which were previously sold on floppy disk), all the images have been designed as backdrops for both multimedia and video work and, as such, are hardly works of art in their own right. That said, the scan quality is second to none making this one of the best collections of images ever compiled for the Amiga. Also on the disc are 470 CompuGraphic outline fonts and 100 assorted sound samples.



"With this collection of programs you can have your own PD library without breaking the bank!"

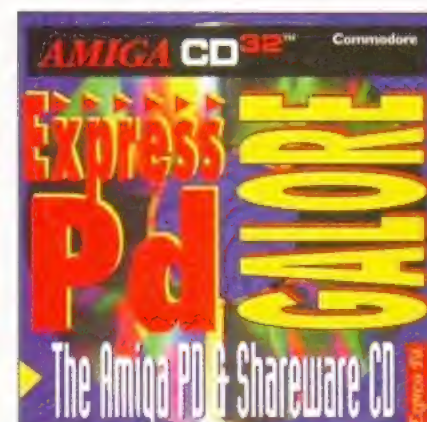
78%

PD GALORE

■ £19.95 ■ Express PD ■ 0116 2559711

It seems that virtually every Amiga PD company is dipping its corporate toes in the murky waters of CD-ROM these days. 17Bit, PD Soft and Virus Free PD are just three PD libraries that have taken the plunge in CD-ROM technology. Hot on their heels is Express PD with their *PD Galore* compilation, a CD-ROM containing the entire range of PD disks from this premier PD supplier. Most of the programs on the disc can be accessed either via a nicely produced menu system which decompresses PD to floppy disk or directly from the Workbench.


There's the usual selection of games, demos, animations, music modules and fonts. None of the files are particularly original - if you already own a PD compilation, the chances are that you'll already own most of the files on offer. For first-time CD buyers, however, *PD Galore* is well worth considering.



FREE GAMES CHEATS 1.4 EMULATOR **UNDERGROUND** **FREE** LIBRARY DISK **FREE** POST & PACK ON ALL NEW ORDERS

- ARCADE GAMES**
- 0174 FIGHT FIGHT
 - 0177 HYPERCUBE
 - 0188 COIN WARS
 - 0175 ARCADE (2D)
 - 0171 FAY MISSION 2
 - 0183 MOUSE IMPUS
 - 0183 ORBIT ATTACK
 - 0195 AND WARS (2D)
 - 0144 AIR WARRIORS
 - 0199 MISSION X
 - 0183 GREEN 5 PT. 1
 - 0153 VECTOR
 - 0132 SEALANCE SUB
 - 0110 PHANTOM (2D)
 - 0195 (2D) WARRIORS
 - 0180 TIME RUNNER
 - 0180 TRANSPLANT
 - 0166 BUTTERFLY
 - 0179 COMBAT APOC
 - 0112 RUDDOLPH - SANTA
 - 0111 SOLD ASSAULT
 - 0122 GOLD RING
 - 0117 ZYAD 2
 - 0130 WORLD PLAY
- PLATFORM GAMES**
- 0189 TOP GOLF WILLY
 - 0192 CHANGING MOUSE
 - 0184 ICE RUNNER
 - 0173 KILLING EXPRESS
 - 0191 DOCTOR STRANGE
 - 0146 PRUIT SALAD
 - 0115 SUPER BLUE KID
 - 0140 XMAS TIME
 - 0129 DOGGY
 - 0111 WALLY WORLD (2D)
 - 0149 ELEVATOR 2
- BOULDER DASH**
- 0131 HAUNTED MINE
 - 0154 EAT MINE
 - 0121 MARCHION MINE
- TETRIS - COLUMNS**
- 0177 GAMERBY TETRIS
 - 0193 DOCTOR MARIO
 - 0194 BLACK TBS
 - 0107 TWIN TBS
 - 0146 MEGA BLUR
- P.D. VERSIONS**
- 0175 LEMMING PACK
 - 0185 SMASH IV
 - 0126 ROBOCOP 2
 - 0122 GIGGS
 - 0178 ROCK DANGEROUS
 - 0177 CROOK 1&2
 - 0177 UNIFORM
 - 0159 LCD POPPER
 - 0125 HUNTER
 - 0124 ELF
 - 0128 LEMMING ARCADE
 - 0116 APOLLO MEGA
 - 0128 HAMMIST NOGA
 - 0127 CHOCOLATE NOGA
- DRIVING GAMES**
- 0111 RACING MANIACS
 - 0162 MOBILE DRIVE
 - 0148 ROAD TO HELL
 - 0128 ROAD WARS
 - 0135 AUTOMOBILES
 - 0133 BATTLE CARS 2
 - 0113 HIGH OCTANE 2
- PUB GAMES**
- 0167 BANCO MANIA
 - 0140 WILDED CARTE
 - 0189 PIN BALL
 - 0122 PRUIT MACHINE
 - 0175 SOUTHERN
 - 0110 POKER ARCADE
 - 0184 CARDS CARBINE
 - 0188 ROCKETS
 - 0114 CHES GAMES
 - 0144 BATTLESHIP 2
- SPORTS GAMES**
- 0104 FUTUR FOOTBALL
 - 0127 ARCADE CRICKET 2
 - 0187 HYPERSHALL
 - 0130 TEN PIN BOWLING
 - 0134 BILLYBILLS
 - 0186 SPORT CHALLENGE
 - 0146 GOLF 18 HOLE (2D)
- HINTS & CHEATS**
- 0118 1000 CHEATS
 - 0117 PASSWORD MANIA
 - 0111 GAME TAMER V4 5
 - 0120 MEGA CHEATS V4
 - 0121 TRAPIC CHEATS
 - 0181 99 SOLUTIONS
- MANAGER GAMES**
- 0188 SUPER LEAGUE
 - 0173 SCOT LEAGUE
 - 0158 TRUCKING 2 (2D)
 - 0117 BLOOD BALL
 - 0110 TOP THE LEAGUE
 - 0184 (2D) AT RACES
 - 0196 G.P. MANAGER
 - 0121 AIRPORT
 - 0104 METRO
 - 0195 SPEEDWAY
 - 0168 U.S.A. 94
 - 0122 MICRO MARKET
 - 0184 FORMULA ONE
- BOARD GAMES**
- 0184 CHICKENS
 - 0111 ANIMATED WARE
 - 0111 ICAPABLE
 - 0132 MONOPOLY
 - 0147 CHES
 - 0148 BACKGAMMON
 - 0190 RISK
 - 0142 BAGS TO RICH
 - 0118 SLAT MONOPOLY
- BRAIN GAMES**
- 0189 10 PUZZLES
 - 0143 REVERSI 2
 - 0189 CROSS NATION
 - 0116 TOP POP QUIZ
 - 0185 EXIT 13
 - 0119 DRAGON TILES
 - 0117 LEXUS 2
 - 0112 DRAGONS CAVES
 - 0107 CLUE MASTER
- A1200 AGA ONLY**
- 0188 RELICS (4D)
 - 0170 ROCKET2
 - 0102 AGA TETRIS
 - 0186 IND. ESPIONAGE
 - 0177 COMBAT AP 2
 - 0114 JAIL (2D)
 - 0116 GAME HOT
 - 0123 BOMB 32 PACMAN
 - 0177 BLACK DAWN 2
 - 0176 GLOBAL NUBE
 - 0184 TRICK OR TREAT
 - 0116 STRIKE (2D)
 - 0187 RAGE TITANIC
 - 0125 KNIGHTS
 - 0197 NEIGHBOURS (2D)
 - 0125 TIME ZONER (2D)
- OVER 18 GAMES**
- 0101 TERROR LIVER 1
 - 0117 TERROR LIVER 2
- CLASSIC GAMES**
- 0192 SPACE INVADERS
 - 0178 LARILANDERS
 - 0193 MISSILE COMMAND
- BREAKOUT-POING**
- 0101 MEGABALL 1
 - 0101 MEGABALL 2
 - 0101 MEGABALL 3
 - 0107 BATTLE PONG
 - 0121 RESCUE
- SPACE BLASTERS**
- 0188 LAST REFLEX
 - 0196 GOLF INVADERS
 - 0122 IN FACTS
 - 0131 DELIVION
 - 0143 CHERNETICS
 - 0101 GALAGA DELUXE
 - 0194 STARBARS
 - 0146 CARVING FREE

DISKS COST £1.25 EACH. NO MINIMUM ORDER. ALL VIRUS FREE AND USER FRIENDLY
All games are on 1 disk and run on all Amigas unless otherwise stated
PICK AN EXTRA DISK FOR FREE WITH EVERY EIGHT DISKS YOU PURCHASE

UNDERGROUND P.D. 54 CARMANIA CLOSE, SHOEBOURNE, ESSEX SS3 9YZ Tel: 0702 295887
Name: Telephone:
Address:
Postcode: 

*** FREE START-UP PACK NOW ***

STOP PLAYING WITH YOURSELF

If you have enjoyed any Soccer Management games then why not try, for FREE, the ultimate challenge

Compete against 159 other managers in our Play-by-Mail European Soccer Simulation



Can YOU take your team to the top?
Can YOU become TOP manager?
Can YOU bring glory to your club?


Pick your squad, Select your tactics,
Use your subs, Send out scouts,
Buy and Sell players, Train your
team and much much more!

Receive over 10 Laser printed A4 pages every turn detailing
your performance, results, tablesetc.

To find out how to play and to try 'In off the Post'
completely FREE with no obligation to continue,

Contact us NOW for a FREE '£5 Start-Up pack'

 081-647-2727 24 Hour Registration Line

 Premier Simulations (AF), P.O. Box 496,
Carshalton, Surrey SM5 3AN.
State name, address & preferred team nationality

2 in 1 Mouse Mat/Scanning Pad



A new low cost scanning
pad which also
doubles as a Mouse mat.
Comes with lift
up cover and
T ruler
£9.95

ALFA SCAN 800

The new
Greyscale, 800dpi
Hand Scanner for
all Amiga Systems.
The ONLY 800dpi
scanner available.
Scans at higher
resolution for
superior picture
quality.

Comes complete
with Scanning
and merging
software

£119.00

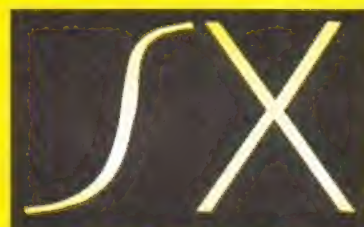
**Migraph Full OCR for
all Amiga's £49.95**

**Total cost £178.90,
with this Voucher
only £139.00**



GOLDENIMAGE UK LTD

Unit 65, Hallmark Trading Estate,
Fourth Way, Wembley, Middx HA9 0LB
Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281



SOFT EXPRESS LTD



PLEASE NO
VISITORS, MAIL
ORDER ONLY



ORDER HOTLINE

**TEL: - 01908 277177
FAX: - 01908 645397**

Order by telephone quoting your
credit card number and expiry date
(credit cards are not charged until
despatch). If paying by cheque,
please make payable to

**SOFT EXPRESS LTD
DEPT. NO. AMFBD02CM
& WHARF SIDE,
FENNY STRATFORD,
BLETCHLEY, MILTON
KEYNES,
BUCKS MK2 2AZ**

BLANK DISKS

Blank disks	50 Disks	100 Disks	250 Disks	500 Disks	1000 Disks
Double Sided/ Double Density Disks	16.00	30.00	70.00	135.00	255.00
Double Sided High Density Disks	22.00	40.00	90.00	170.00	320.00
Recycled High Density Cover Disks	16.00	30.00	70.00	135.00	255.00
Recycled Cover Disks	10.99	20.00	45.00	85.00	150.00

All items subject to availability. All prices subject to change without notice, please allow for Cheque clearance.
UK Mainland Free Delivery

ORDER FORM

PLEASE WRITE IN CAPITAL LETTERS

Please supply me with the following titles
for computer

ACCESS/VISA CARD NO.

EXPIRY DATE

ITEM	PRICE
POSTAGE	
TOTAL	

SIGNATURE

DATE

NAME

ADDRESS

POSTCODE

TEL:

AMIGA FORMAT FEBRUARY ISSUE 1995

PageStream 3.0c

Marcus Dyson takes a second look at what should, and still could be the Amiga's finest DTP package.

The arrival of *PageStream 3.0* in the *AF* offices a few months ago was one of the great moments of last year. Not simply because one of the most eagerly-awaited Amiga programs of all time had arrived, but also because it turned out to be such a let down. A very impressive features list was totally eclipsed by an unnerving propensity to crash. Printing wasn't all it should have been and not all of that extensive features list had been implemented.

Soft Logik said that they were aware of the situation, and that they would redress the balance. And that is just what they have done. Ever since the first release, updates to *PageStream* have been popping up on the BBS of the world with incredible frequency. The latest (at time of writing) was *V3.0c*, and we felt that the program was sufficiently improved to take another look.

The first, and most important improvement in *3.0c* is its general stability: gone are the frequent and infuriating crashes. But I have to say that despite the box claiming a RAM requirement of 3Mb, I could not get it to run in 4Mb, it refused to open a new document, and kept doing so until I added another couple of megs.

Typing text on to the page is much quicker than it was in *3.0*, but it is still far slower than is acceptable. PostScript fonts display quickly, and screen redraw times in general appear to have improved, but again, if Soft Logik can improve this further it would be more than welcome.

3.0's reluctance to print was a major bugbear. If there are two things you want a

PageStream 3.0c has got improved support for fonts, making it capable of using more PD fonts. Improved functions in *3c* also help update your font list.



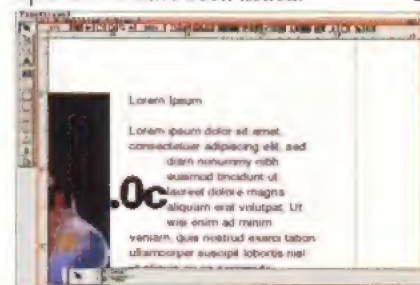
DTP package to do they are: not crash, and print. *3.0c* is an improvement in both these vital areas. The improvements in *3.0c*'s printing are too numerous to mention, but they include fixing crash problems with the preferences printer driver, implementing a Stop Printing gadget, improved Epson support, and improved PostScript font printing.

Problems with text importing have also been addressed. Where *3.0* had trouble with *Final Writer* text files overlapping column edges, *3c* now has different, and far less serious bugs with *Final Writer* text import.

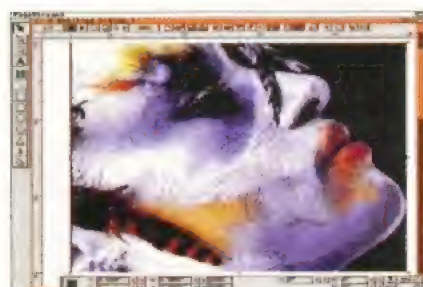
General improvements like improved snap to grid, faster menu scrolling and autoscrolling of the screen window when you are dragging a box to re-size it all add to the program's usability. The BME image processor bundled with *PageStream 3.0c* is

also improved, with added features and greater stability.

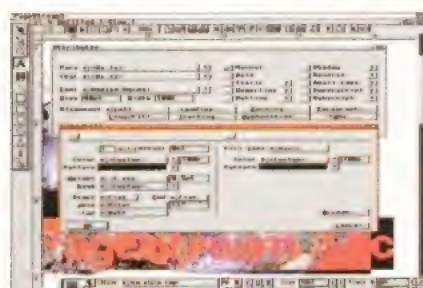
All in all, *PageStream 3.0c* is beginning to be the program many of us hoped it would be, there is still much work to be done on the package, but by the time you read this two, and maybe more, new updates will have been issued.



Now that the program does not crash (at least not often) you are free to investigate the numerous included *ARexx* macros.



Screen redraw for colour bitmaps is still a little on the slow side, but boy do they look good!



These impressive and well laid out menus are excellent, but as yet you can't re-colour text. A major problem for serious colour design!

PAGESTREAM 3.0c

DISTRIBUTOR
Meridian 0181 543 3500

PRICE
£269.95 or as a free upgrade via on-line services and bulletin boards.

SYSTEM REQUIREMENTS
At least 4Mb and a hard disk

SPEED
Could still be much faster, but that goes for all Amiga DTP programs.

MANUAL
Soft Logik manuals are always good, this is no exception. Weighty, accessible and comprehensive.

ACCESSIBILITY
The most accessible Amiga DTP package ever, despite its power and huge feature list.

FEATURES
The list is just as impressive as last time, but now more of them work.

VALUE
Not quite there yet, but if they keep on improving it at this rate, some time soon this program will be awesome.

"PageStream is shaping up to be the package everyone hoped it would be, but there's still some work to do."

78%

Back Issues

For just **£5** you can treat yourself to a back issue of *Amiga Format* complete with full Coverdisk programs and the best game demos!

**Postage
& packing
FREE!**



AMIGA CD32 SPECIAL ISSUE
Including a brilliant cover-mounted CD containing demos of 16 CD32 games, reviews of over 40 CD32 games, a look at what the future holds for CD32 games and heaps more...

ISSUE 60: JUNE 1994
Coverdisk: Complete version of InterSpread worth £20, Demo Maniac and DreamWeb demos.
Main Features: Computer art packages, Commodore A4000T, round-up of education packages.
Serious: Music-X 2.0, Fed-CASE, PhotoworX, Dir Works, Humanoid, inkjet printers.
Games: Syndicate Missions, Sierra Soccer, Elfmania, Tactical Manager, Heimdall 2, Traps 'n' Treasures.

ISSUE 62: AUGUST 1994
Coverdisk: Complete music package OctaMED Pro V5 worth £30 and demo of the motor mogul game Detroit.
Main Feature: The Amiga's role in the interactive television revolution.
Serious: Zappo CD-ROM drive, Retina 23 graphics card, Microbotics SX-1, Blizzard A1230-II accelerator card, HiSoft Basic v2, Maxon screen blinder.
Games: Banshee, Kick Off 3, Empire Soccer, Benefactor, Kings Quest VI, Burntime, Bump 'n' Burn and Mega Race preview.

ISSUE 58: APRIL 1994
Coverdisk: Three Coverdisk issue: Music-X worth £199, plus ProVector structured artpackage worth £100 and Total Carnage and Dozer demos.
Main Feature: Full Motion Video.
Serious: Studio 16, Vista Pro Lite, Art Department Professional 2.5, Clarissa, Lightwave, Personal Paint 4, Sorasil, Manchester United Premier League Championships, Perihelion, Championship Manager Italia, Hyperion, The Naughty Ones.

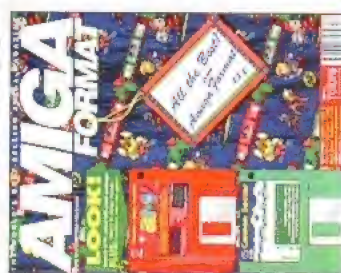


SPECIAL EDITIONS

ISSUE 55: JAN 1994
Coverdisk: Full DiskMaster 2 utility worth £50, plus Beneath A Steel Sky demo.
Main Feature: Beginners' special Vidi 24, 24-bit graphics cards, Fargo Primera colour printer, Multiface Card 3.
Games: Liberation, Genesia, Slidmarks, Stardust, Mortal Combat, Holiday Lemmings, F1.



ISSUE 54: CHRISTMAS 1993
Coverdisk: Full SuperJam! music package worth £75 plus exclusive Cannon Soccer hybrid.
Main Feature: Piracy: the kiss of death?
Serious: Magic Lantern, Edit Mate, Money Matters 3, One-Stop Music Shop, Montage, GVP A1230 Turbo+, Games: Frontier - Elite II, Hired Guns, F117A Nighthawk, Cannon Fodder, The Settlers, Kingmaker, Rules Of Engagement.



NO.1: THE COMPLETE AMIGA SOFTWARE GUIDE
What a tremendous issue! More than 1,000 Amiga programs reviewed and rated including word processors, spreadsheets, databases, video, paint, animation, music, Comms, programming, education, DTP and more than 600 games!

NO.2: THE AMIGA FORMAT 1993 ANNUAL
Features galore on CD, Commodore UK, a look behind the scenes at Amiga Format, the Amiga market in Europe and America, graphics, desktop publishing, music, video, games of the year, programming, emulators, business software and much, much more...

NO.4: THE ENCYCLOPEDIA OF THE AMIGA
Packed with facts and figures, the Encyclopedia contains an extensive A-Z of the world of Amiga plus a comprehensive round-up of every product reviewed in Amiga Format up to issue 44.

NO.5: Q & A - AMIGA ANSWERS
At last! Answers to the most commonly-asked questions concerning the Amiga, all in one place. Programming? Spreadsheets? Word processors? Comms? Everything you need is here. Probably.

NO.6: THE GOOD HARDWARE GUIDE
Essential information on more than 200 products to add to your Amiga: drives, digitisers, printers, RAM expansions, genlocks, monitors, emulators, mice, joysticks and more...

NO.7: GAMES SPECIAL
Containing articles on the very first arcade games, Amiga classics, future games, silly games, joysticks, PD games, all the Gold-rated games, plus interviews with Jeff Minter, Sensible Software, Bullfrog, Binary Asylum, David Braben, Andy Braybrook, Geoff Crammond, Steve Kelly and more...

NO.8: THE AMIGA FORMAT 1994 ANNUAL
Expert analysis of what 1994 had in store for the Amiga plus looks at the best of the previous year's serious software, budget titles, demos, games etc.

NO.9: BEGINNERS' GUIDE
Getting started in Workbench, Shell, DTP, graphics, Comms, business, programming, music, plus introductions to CD, PD, games and more. Also includes a jargon-busting feature - find out what all those acronyms actually mean: BBS, CPS, CLI, DPI, EPS, GUI, IDE, IFF, MNP, DMA, PCMCIA, RTF and more...

Call our order **HOTline** on **01225 822511**

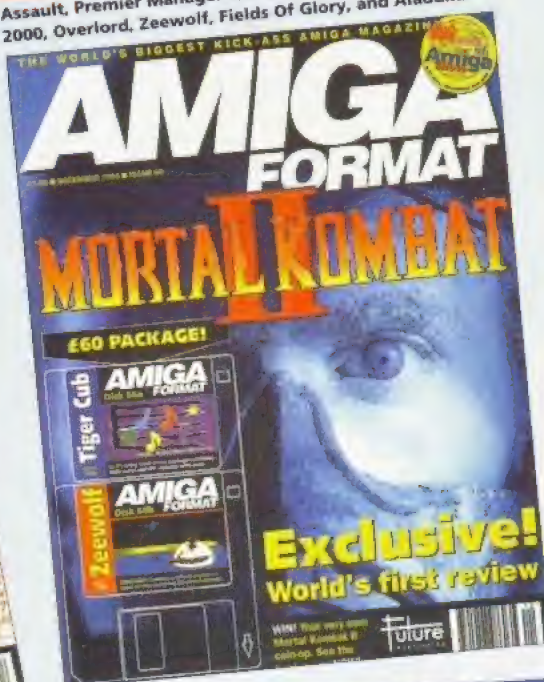
ISSUE 64: OCTOBER 1994

Coverdisk: Video titling package TV*Text Professional worth £129, Theme Park demo.
Main Feature: We show you how to harness the Amiga's remarkable video and graphics power.
Serious: Genlock round-up, Lightwave 3.5, Protext 6.5, Tabby, TV*Text Pro v2, book reviews.
Games: Super Stardust, Ruff 'n' Tumble, Detroit, Vital Light.



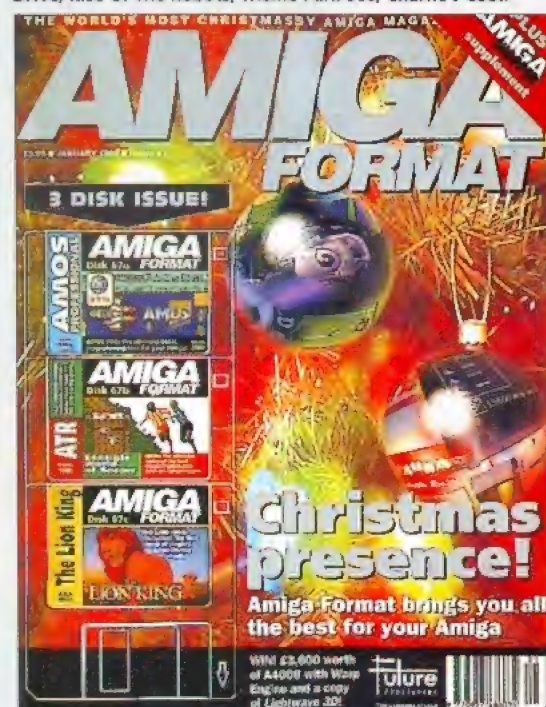
ISSUE 66: DECEMBER 1994

Coverdisk: Tiger Cub entry level music package from Dr T, Zeewolf demo.
Main Feature: The history of RISC.
Serious: Wordworth versus Final Writer, Easy Ledgers 2, 3D special effects products, Video Backup System 3.0, Video Options Card and a CD-ROM roundup.
Games: Mortal Kombat II, Cannon Fodder 2, Tower Assault, Premier Manager 3, Pinball Illusions, Sim City 2000, Overlord, Zeewolf, Fields Of Glory, and Aladdin.



ISSUE 67: JANUARY 1995

Coverdisk: Three-disk spectacular featuring AMOS Professional worth £50, Sensible World Of Soccer and ATR plus Lion King.
Main Feature: How to get your game published.
Serious: Photogenics, V-Lab Motion, Wordworth 3.1SE, Aura, Mo-Miga, Lola L1500, CD Software, Stocking fillers.
Games: Sensible World Of Soccer, Jungle Strike, Football Glory, SubWar 2050, Marvin's Marvellous Adventure, Power Drive, Rise Of The Robots, Theme Park 500, Charlie J Cool.



OTHER GREAT ISSUES STILL AVAILABLE

ISSUE 50: SEPTEMBER 1993

Coverdisk: Deluxe Music Construction Kit 2 demo, Insectoids 2 arcade blast.
Serious Section: Blitz Basic 2, AMOS Pro Compiler, Vidi-12 AGA, Proper Grammar, RAM expansions, Golden Image scanner, super hi-res monitors, pressure sensitive painting.
Games: Dune 2, Yo! Joel, D-Day, Ishar 2, Sim Life A1200, Hill Street Blues, Entity, Blade Of Destiny, Man Utd Europe, Global Gladiators, Project X, Zak McKracken And The Alien Mindbenders, Gunboat, Face Off.

ISSUE 49: AUGUST 1993

Coverdisk: Stardust demo and Genesis 3D.
Serious Section: InterOffice, Trifecta 500 LX, Home Music Kit, SyQuest IDE drive, Home Music Kit, joysticks round-up, accelerators round-up.
Games: Goal!, The Lost Vikings, War In The Gulf, Syndicate, A320 Airbus, Gunship 2000, Mig-29, The Immortal,

Fulcrum, Space Legends, Prey, Pinball Magic, Bully's Sporting Darts, The Addams Family, Robocod.

ISSUE 48: JULY 1993

Coverdisk: Syndicate, ProTracker v3.10B and Adorage demos.
Serious Section: GVP Impact Vision 24, Emplant, typing tutors, Canon bubblejet printers, Power high density disk drive, ARK Soft, Educational CD.
Games: Worlds Of Legend, Battle Isle 93, Firehawk, Morph, Championship Manager, Reach For The Skies, Final Fight, Transartica M1 Tank Plat, Rodland, Pirates, International Soccer Challenge, Ancient Art Of War In The Skies, F-19 Stealth Fighter.

ISSUE 47: JUNE 1993

Coverdisk: Disposable Hero, Euphoria AMOS source codes.
Serious Section: Retina, G-Lock, Personal Write, ADI Junior, Rave, Adorage, TV Paint 2, Order 2.05, Vanilla Monitors.
Games Section: Superfrog, Graham

Gooch World Class Cricket, Cohort II Tom Landry Strategy Football, International Rugby Challenge, Human Race - The Jurassic Levels, Sink Or Swim, Whale's Voyage, Nippon Safes Inc., Woody's World, Beavers, Strike Fleet.

ISSUE 46: MAY 1993

Coverdisk: Charlie Chimp, Fraction Goblins, Atoms demos, Check V4.
Serious Section: Pro Page 4, Kid Pix, Bars & Pipes Pro 2, Real 3D 2, Vista Pro 3, Type Smith, DOS Lab, educational round-up, The Insider Book Guides.
Games: Lemmings 2, 1869, B-17 Flying, Fortress, Scrabble, Knightmare, Desert Strike, Storm Master, Walker, Legend, Body Blows, Chuck Rock 2, Arabian Nights, Trivial Pursuit, Terminator 2.

ISSUE 45: APRIL 1993

Coverdisk: Dong! game demo, image processing and multimedia demo.
Serious Section: Video HD Backup, CanDo 2, Musicolor, Directory Opus 4,

GVP's Image FX, A1200 accelerators, Alfa Power HD.

Games: A-Train, Bard's Tale Construction Set, Abandoned Places 2, Alien 3, Flashback, Hero Quest, Crystal Kingdom Dizzy, The Chaos Engine, International Tennis.

ISSUE 42: JANUARY 1993

Coverdisk: Lemmings 2 - The Tribes, AMOS programming language.
Serious Section: RocKey, Zappo A500 hard drive, Zappo external floppy drive, Noddy's Playtime, Morph Plus.
Games Section: 3D Construction Kit 2, Amberstar, Nigel Mansell, Goblins 2, Humans, KGB, Operation Stealth, Sensible Soccer 93, Combat Classics, Leeds United Champions, Motorhead.

ISSUE 37: AUGUST 1992

Coverdisk: Animation Station, International Sports Challenge.
Serious Section: ImageMaster, Order database, Sequencer One+, AmiNet.
Games Section: Championship Manager, D-Generation, Discovery, Epic, Ashes Of Empire.

AMIGA FORMAT BACK ISSUES

Please send me the following back issues of Amiga Format (AF), The Specials (SP) and Amiga CD32 (CD) at £5 each. Please insert issue number in box.

AF ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ SP ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ CD ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Name

Address

Postcode

Method of payment:

Access ☐ Visa ☐ Cheque ☐ Postal order ☐

Total amount payable: £

Credit card no.

Expiry Date

Please make cheques payable to: Future Publishing Ltd.

SEND THIS FORM TO: **AMIGA FORMAT BACK ISSUES, FREEPOST, Cary Court, Somerton, Somerset TA11 7BR.**

☐ Tick here if you don't want to receive special offers from other specially-selected companies.

AF MAG 2/95

Amiga Format Annual 1995



On sale now!

G-LOCK VIDEO



This extremely high quality Amiga genlock, from GVP, has an intuition-based software control panel with full ARexx and command line interfaces. It is easy to use and supports most VHS and S-VHS video modes. For crisp overlays of scrolling, or static titles, graphics over live video and recording to videotape with high quality results.

VIDEO: G-LOCK's six video control panels enable you to perform a wide array of special effects on still or motion video including:

- Colorizing for unique visual effects
- Creating your own 'Classic' black & white videos using the Colorkill feature
- Colour filter effects
- High-quality keying effects with biplane or chroma keying
- Manual or automatic (ARexx triggered) lades and cuts

AUDIO: G-LOCK's dual-input audio panel switches, mixes and shapes sound for effects such as:

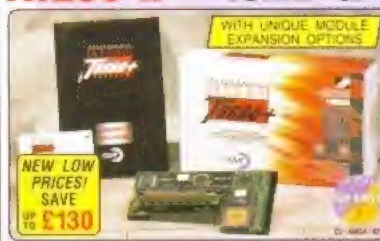
- Combining stereo channels or separate inputs without a 'Y' adaptor
- Treble and bass equalization
- Plus, add DSS8+ - see below or any Amiga created modified digital audio samples to your final mix

GENLOCK FOR ALL AMIGAS

- Simple, Intuitive Mouse-Driven Software Control Panels. Full ARexx, CLI and Workbench Interfaces
- Software Selection of 2 Composite Video Inputs or 1 Y/C (S-Video) Input
- Simultaneous Composite & S-Video and RGB Outputs
- Software Selection or Mixing of 2 Audio Inputs with Volume, Bass and Treble Control
- Software-Driven Video Processing Amplifier Offering Complete Real-Time Signal Processing Control, Including Hue, Brightness and Saturation.
- Software-Controlled RGB Colour Splitter Compatible with Video Digitizers
- Built-in Transcoder Converts Input Video to Composite, Y/C, RGB or YUV Outputs
- Full ECS/AGA Support for Full Compatibility with A1200 and A4000 Systems
- Compatible with Popular Tinting Software like AmigaVision™, Scala-Multimedia 200/210/300™ and Gold Disk's Video Director™
- Full Audio Support

G-LOCK
£269
(INCLUDING VAT - VED 1500)

A1230-II 40MHz & 50MHz ACCELERATORS



The GVP A1230-II advanced accelerators are available in 40MHz 68030EC and 50MHz 68030 configurations. They can make your Amiga run at least 64 times (40MHz version) or 84 times (50MHz version) faster than the standard A1200 and feature unique warranty safe module expandability - see right.

MMU OR FPU? The 50MHz version includes a built-in Memory Management Module (MMU) for more sophisticated memory control. An optional FPU (Floating Point Unit) for faster maths calculations is available for the 40MHz and 50MHz versions (see below), both have RAM upgrade options (up to 32MB, see right).

	4Mb RAM	8Mb RAM
40MHz 68030EC	£429	£699
NO MMU	inc VAT - UPG 1240	inc VAT - UPG 1240

FOR AMIGA 1200

- 40MHz 68030EC and 50MHz 68030 Accelerator
- Unique Feature Connector for Module Expansion
- Memory Management Unit on 50MHz Version
- Optional RAM Upgrade & Maths Co-Processor - see below
- Battery Backed Clock
- Memory Management and Cache Control Software
- Kickstart Remapping Technology

RAM UPGRADES
The A1230-II accelerator combo has two 32-bit SIMM sockets for easy Fast RAM expansion. The following SIMMs can be used at those slots:

- 4Mb 60ns Fast RAM SIMM - (RAM 3246) - £199 inc VAT
- 16Mb 60ns Fast RAM SIMM - (RAM 3286) - £999 inc VAT

SCSI-II EXPANSION MODULE

- A1291 - Fastest SCSI Controller Yet
- DMA SCSI Design • Fastest RAM Controller
- High Speed, Unique DPMIC Technology for Direct HD to Memory Transfer

£59
(inc VAT - UPG 1600)

EGS SPECTRUM 24-BIT GRAPHICS CARD



- 2Mb of On-Board Memory
2Mb gives higher resolutions & more colours (1600 x 1280)
- Programmable Resolutions Up to an Amazing 1600 x 1280 - 800 x 600 in 24-bit
- Real-Time 24-bit Display and Graphics Operating System!
- High-Performance 24-bit EGS-Paint Package for Professional Painting and Photographic Editing
- Amiga-RGB Pass-Through so the Amiga and the EGS SPECTRUM can Share a Single Monitor
- Zorro II (16-bit) and Zorro-III (32-bit) AutoSensing for Maximum Performance
- Scan Rates Up To 80KHz
- 80,000,000 Pixels/sec Pixel Display Speed (8-bit)

**FOR A1500/2000/3000/4000
TAKES YOUR AMIGA BEYOND AGA!**

EGS Spectrum is the answer to all your 24-bit graphics card requirements. It is a high performance, high resolution, 24-bit board that will take any Amiga 1500, 2000, 3000 or 4000 beyond AGA! But the hardware is only half of the picture. Without quality software, your investment will be wasted. Not only does GVP's own award winning graphics application ImageFX fully support EGS Spectrum, but also, using a Workbench driver, nearly all existing Amiga Workbench compatible applications will also work on and support the EGS Spectrum system.

- Workbench driver to run Workbench directly on the EGS SPECTRUM Board, Freeing Up Valuable Chip RAM
- Hardware Blitter to Accelerate All GUI Operations, Including the Workbench Driver
- System Conforming Applications Can Use the EGS Screenmodes Directly from the Display Database
- EGS Requires Kickstart 2.04 or Higher

2Mb VIDEO RAM
£299
(INCLUDING VAT - VED 1200)

G-FORCE 040 40MHz ACCELERATORS



RAM UPGRADES
The standard board has two 32-bit SIMM sockets and of which is populated with a 4Mb 60ns SIMM. Available options are:

- 8Mb Add 1 x 8Mb SIMM - (RAM 3246) - £199 inc VAT
- 20Mb Add 1 x 16Mb SIMM - (RAM 3286) - £999 inc VAT
- 32Mb Remove 1 x 4Mb SIMM and Add 2 x 16Mb SIMMs - (2 x RAM 3286) - £1999 inc VAT

RAM BOARD UPGRADES
These optional cards have the GVP 32-bit SIMM sockets and of which is populated with a 4Mb 60ns SIMM. Available options are:

- 4Mb 60ns SIMM - (RAM 3246) - £199 inc VAT
- 16Mb 60ns SIMM - (RAM 3286) - £999 inc VAT

G-FORCE 040 96Mb RAM BOARDS

4Mb	£399	16Mb	£1199
POPULATED	inc VAT - UPG 0804	POPULATED	inc VAT - UPG 0804

FOR A3000/A4000

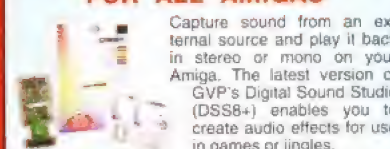
Never before has such a powerful processor been available for the Amiga! The G-Force 040 puts a 40MHz Motorola 040, plus built-in 40MHz 68882 FPU into your A4000 (030 or 040) and couples it with up to 32Mb of super fast 32-bit SIMM memory on the board. The Standard board comes with 4Mb RAM - see left for RAM upgrades.

To further increase memory from the maximum 32Mb available on the G-Force 040 card, add one of the two 96Mb memory expansion boards available - see left. These enable you to take your total memory up to an amazing 128Mb RAM, directly connected to this blazing processor.

- Fast 040 Accelerator + RAM for A3000/A4000
- 40MHz 68040 Processor
- 40MHz 68882 FPU Built-in to the 68040 Chip
- Make your A4000/030 at least 12 Times Quicker
- 4Mb RAM Fitted, Expandable to 32Mb on the Board, to a Total of 128Mb via an Extra Card - see left
- SCSI-II FAST Optional (Pricing TBC)

G-FORCE 040
40MHz 4Mb RAM
£899
(INCLUDING VAT - UPG 0804)

8-BIT SOUND SAMPLER FOR ALL AMIGAS



- New Style High Impact, Clear Poly-Carbonate Casing
- Simultaneously Holds up to 31 Sound Samples in Memory
- Real-time Oscilloscope, Spectrum Analysis, Echo & Reverberation
- ARexx Compatible
- Microphone Input
- MOD File & MIDI Compatible
- FREE Samples Disk

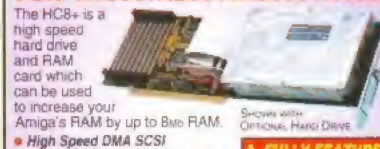
DSS8+
£49
(INCLUDING VAT - VED 1500)

VIDEO PROCESSING FOR A2000/A3000/A4000

- 8-Bit 4:2:2 (CCIR-601) Digital Signal Processing of Video
- Infinite Window Time-Base-Correction
- Real-Time Digital Video Processing
- Real-Time Video Frame-Grabber
- 18.7 Million Colour Video Frame Buffer, Expandable to Two Frames
- Three Channel Video Input Switcher for Both Composite and Y/C
- Full Video Transcoding Between Composite and Y/C Formats
- Convert from NTSC/PAL/SECAM to NTSC/PAL Video Standards
- Video Special Effects Generator for Solazation, Pseudo Colour, Strobe, Freeze, Monochrome, etc
- Both Genlock/Reference (BBU) Input and Advance-Sync Output Composite Keyer with External Digital Key Input

TBC PLUS
£599
(INCLUDING VAT - VED 1200)

HARD DRIVE CARD FOR A1500/A2000/A3000/A4000



- The HC8+ is a high speed hard drive and RAM card which can be used to increase your Amiga's RAM by up to 8Mb RAM
- High Speed DMA SCSI Controller Which Can Handle up to 7 Devices
- Ultra Fast Access SCSI Hard Drive Option - Call for Details
- Supplied Unpopulated, the HC8+ can be upgraded to Give You up to 8Mb of FAST RAM - Call for Details
- Direct Memory Access Design for Maximum Data Transfer Rate

HC8+
£129
(INCLUDING VAT - VED 1500)

ACCELERATOR FOR AMIGA 1500/2000



FAST! 32-bit TECHNOLOGY

GVP offers an accelerator for the A1500/A2000 that outstrips the competition for speed and specifications.

G-FORCE ACCELERATOR	040 33MHz
Speed MIPS*	30
Processor	68040
Maths Co-Pro.	68882 in 68040 processor
Std 32-bit RAM	4Mb
Max 32-bit RAM	64Mb
Extras	SCSI Ser/Par
PRICE	£899
	(inc VAT - UPG 0804)



THE SILICA SERVICE

Before you decide WHEN to buy, we suggest you consider WHERE to buy and protect your investment with a purchase from Silica. With our unrivalled experience and expertise, we will provide all the extra help, advice and new product information you may need both now and in the future. Visit one of our stores, or return this coupon now and begin to experience the "Silica Service"



NOW IN 18 BRANCHES OF
DEBENHAMS
STORES NATIONWIDE

- We have a proven track record in professional computer sales
- With over 300 staff - We are solid and reliable.
- All are "Customer Care" trained and at your service.
- FREE help and advice from a team of experts.
- All of your computer requirements from one supplier
- We match on a "Same product - Same price" basis.
- FREE CATALOGUES
- With special offers and product news.
- PAYMENT
- We accept most major credit cards, cash, cheque or monthly terms (APR 29.9% - written quotes on request).
- VOLUME DISCOUNTS AVAILABLE
- Business, Education and Government.
- Tel: 081-308 0888.
- MAIL ORDER
- FREE DELIVERY on orders over £40 (VAT, Small administration charge (£2.50 VAT) on orders under £40 (VAT)
- STORES NATIONWIDE
- 21 stores including 18 in branches of Debenhams.

MAIL ORDER 081-309 1111

PLUS TECHNICAL AND HEAD OFFICE

SILICA, SILICA HOUSE, HATHERLEY ROAD, SIDCUP, KENT, DA14 4DX

PLUS BRANCHES AT:

BRISTOL	Debenhams - 13rd Floor, St James Barton	0272 291021
CARDIFF	Debenhams - 1st Floor, St David's Way	0222 341576
CHRYMSFORD	Debenhams - 2nd Floor, 27 High Street	0245 355511
CROYDON	Debenhams - 2nd Floor, 11-31 North End	081-688 4455
GLASGOW	Debenhams - 1st Floor, 97 Argyle Street	041-221 0088
GUILDFORD	Debenhams - 1st Floor, Millbrook	0483 301300
HARROW	Debenhams - 2nd Floor, Station Road	081-427 4300
HULL	Debenhams - 2nd Floor, Prospect Street	0482 25151
IPSWICH	Debenhams - 1st Floor, Westgate Street	0473 221313
LONDON	Silica - 52 Tottenham Court Road	071-580 4000
LONDON	Debenhams - 13rd Floor, 334 Oxford St	071-580 3000
LUTON	Debenhams - 1st Floor, Arndale Centre	0582 21201
MANCHESTER	Debenhams - 1st Floor, Market Street	061-832 8666
PLYMOUTH	Debenhams - 1st Floor, Royal Parade	0752 266666
ROFORD	Debenhams - 1st Floor, Market Place	0708 766066
SHEFFIELD	Debenhams - 1st Floor, The Moor	0742 768611
SHEFFIELD	Debenhams - 1st Floor, Meadowhall Ctr	0742 569779
SIDCUP	Silica - Silica House, Hatherley Rd	081-302 8811
SOUTHAMPTON	Debenhams - 1st Floor, Queensway	0703 223888
SOUTHEND	Kendries - 1st Floor, High Street	0702 462426
THURROCK	Debenhams - 1st Floor, Lakeside Centre	0708 863587

To: Silica, AMFOR-0295-216, Silica House, Hatherley Rd, Sidcup, Kent, DA14 4DX

PLEASE SEND INFORMATION ON GVP PRODUCTS

Mr/Mrs/Miss/Ms: Initials:

Surname:

Company (if applicable):

Address:

.....

Postcode:

Tel (Home):

Tel (Work):

Which computer(s), if any, do you own?

AMIGA FORMAT OFFERS

We want you to have the best for your Amiga, but we don't want you to break the bank to get it. So check out our AF readers' offers, all at low, low prices.

Call our order
HOTline on
01225 822511

Don't miss out! Turn to pages 38 and 39 NOW to check out our amazing AF subscriptions offers. To order a back issue turn to page 116 and 117.

MIDI INTERFACE

Push your own and your Amiga's musical capabilities to their limits with the fully-featured ProMIDI interface which enables you to connect synthesizers, drum machines or any other MIDI instrument to your machine and then use the samples you create with our Music-X (AF58) and OctaMED (AF62) Coverdisks.



save
£5

Description	Midi Interface
RRP	£24.95
AF price	£19.95
Order code	AFMIDI

WORDSWORTH 3.1SE

This is the latest version of the most successful Amiga word processor ever. Complete with on-line help, auto correct, drawing tools, text effects, a 116,000-word Collins spell checker and thesaurus, 3.1SE has been created to run on a base A1200 with 2Mb and a single drive. For full details of this astounding AF Gold-rated package, see the review by Nick Veitch in AF67.



Description	Wordworth 3.1SE
AF price	£49.99
Order code	AFWWSE

TURBOTECH CLOCK CARTRIDGE

Your Amiga will always know what day it is with this handy device which sets the correct time and date. Simply fits into the disk drive port (or on the back of your second drive). Complete with software.

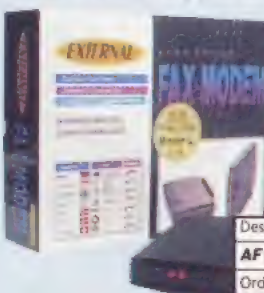


save
£2

Description	Turbotech Clock
RRP	£19.99
AF price	£17.99
Order code	AMFCLO

XL144E FAX MODEM

Find out what all the Net fuss is about at an unheard-of price! The Information Superhighway will beat a path to your door when you get your Amiga on-line with this BT-approved 14,400 speed modem. Everything you need to get on-line (cables, manual, PSU and connection software) is included in this low-priced but high-performance package. It even looks good, too. What more could you want?



Description	XL144E Fax Modem
AF price	£139.99
Order code	AFXLMD

AF BINDER

If your mags live in large piles on the floor, and you can never find the one you want, then keep your AF collection neat and tidy with these practical, yet stylish black and silver AF binders.



Description	One binder
AF price	£5.99
Order code	AF108
Description	Two binders
AF price	£9.99
Order code	AF109

MOUSE 'N' MAT

At last! A quality replacement mouse at a bargain price complete with mouse mat. The 260 dpi resolution mouse is 100 per cent Amiga (and Atari ST) compatible and both buttons are fully micro-switched (unlike certain other mice that spring to mind) for maximum reliability and performance. The tastefully-coloured neoprene mouse mat, essential for keeping your mouse mechanism free of dust and dirt, is 5mm thick and has a non-slip backing surface.



Description	Mouse 'n' Mat
AF price	£12.99
Order code	AFMM

THE SUPER CD32 CONTROL PAD



If your original CD32 control pad is feeling its age, or you just want an additional pad, you need The Super CD32 Control Pad from Competition Pro. With turbo fire, auto fire and slow motion features, the pad is also perfect for Amiga games.



Description	CD32 Control Pad
AF price	£19.99
Order code	AMFCPP

JOYSTICKS

The WICO Ergostick is made of a tactile material instead of unforgiving plastic, has a larger than average shaft, is perfect for all size hands and has unparalleled sensitivity. The Tac 30 hand-held or table-top stick has three buttons, auto fire and a sturdy aircraft-style grip.



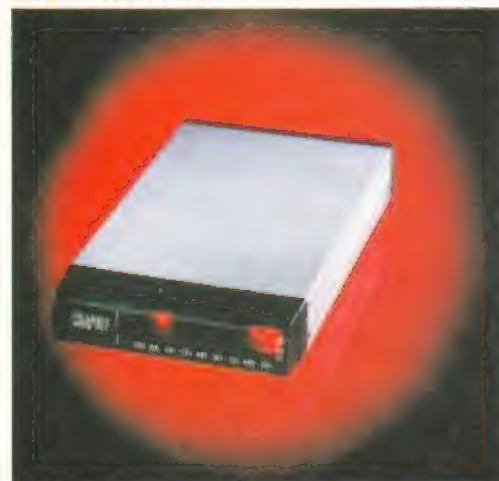
save
£2

Description	Ergostick	Description	Tac 30
RRP	£19.99	RRP	£12.99
AF price	£17.99	AF price	£10.99
Order code	AMFERG	Order code	AMFTAC

Workbench

Do you need guidance with your Amiga-related problems? Then turn to Nick Veitch for comfort, advice, reassurance and the occasional gratuitous insult. Write to Nick at Workbench, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW.

JUST THE FAX



The ACEEX 1414 modem, available from Power Computing on 01234 273000.

In your September issue, Jason Holborn reviewed the ACEEX 1414 fax modem. I have the ACEEX 1496 fax modem, probably the model before the 1414, and the *TrapFax* program, all linked to an A4000. Unfortunately, I cannot (after more than two months of testing) receive or send a fax.

Did you use the ACEEX 1414 with *TrapFax* and what were the settings you used? As a modem my machine works perfectly well with *NComm* but if I transfer these settings to *TrapFax* nothing works. If, after an unsuccessful attempt with

TrapFax, I switch to *NComm*, I can make a connection to a BBS or the Internet, but everything enters as garbage.

Any help would be greatly appreciated.

Guy Weyens, gweyens@rub.ac.be

Although we don't have any information on the 1496, I think you'll find that it has Class 1 fax capability. Unfortunately, *TrapFax* only works with Class 2 fax modems, so this is probably where the problem lies. The best thing you can do is get hold of a program called *GPFax*, which handles Class 1 fax modems, and is available from First Computer Centre on 0113 2319444, priced £49.99.

The problem with the corrupted Comms calls is probably something to do with the initialisation of the *TrapFax* software. Make sure your Comms software does an ATz initialisation string to reset the modem.

AN INCH TOO FAR

I have a basic A1200 and I want to add a hard drive. I have found one at a reasonable price but the problem is that it is an IDE 3.5-inch IBM drive and I am unsure whether it will work or not.

DS Pullen, E-mail

Ah, the perennial question. It should work. There is no reason why it shouldn't, but there are two problems with it. If it is just a mechanism - will it fit inside the A1200 case? This varies from

Continued overleaf →

PARNET WORRIES

First let me say welcome to the Net. It's big, exciting and hopelessly disorganised. Good to see you there. Anyway I have a slight problem. This year I bought a CD³². I also acquired an SX-1. I had hoped to connect these with my old A500 which has a hard drive. I got hold of a copy of Parnet, and made the cable. Unfortunately, it doesn't seem to work.

At the moment I'm running Workbench 3 on the CD³², from floppy, and Workbench 2 on the A500 from the hard drive. Is the problem with the hardware or software do you think? Will I have to upgrade my A500 to Workbench 3? I have already tried running the set-up with Workbench 2, but I have not tried downgrading the Kickstart on the SX-1.

Roland Ward, E-mail

There shouldn't be any problem running Parnet over different versions of Workbench. We have used Parnet successfully between a 1.3 and 2.04/3.0 machine with no problems.

Check the cable. Try testing all the connections with a multimeter to be sure that there are no shorts or dry joints. Make sure that the software is set up properly, and that the correct client and host configurations are made.



Don't forget that the second issue of Amiga CD³² is on sale at all good newsagents.

IF YOU HAVE A QUERY...



Nick Veitch

At Amiga Format we aim to answer as many questions as possible, and attempt to sort out all of your problems. Of course, there are always more questions than answers, so we prioritise queries according to the following factors:

- **FREQUENCY.** If a lot of people seem to be having problems with their Supersonic KY3000 printers, then we will print one letter and the definitive answer, encompassing all the most frequently posed problems.
- **DIFFICULTY.** If the problem is actually something which only someone with some insider technical knowledge would be able to solve, it is more likely to be answered in these pages than a problem which arises simply because you haven't read the documentation.
- **IMPACT.** Quite simply, a question which involves you not being able to use your machine or some peripheral or software will be given priority over a difficulty which is little more than a slight inconvenience.

Unlike some magazines we won't just concentrate on the areas of expertise we are most familiar with, we will take on any problem (as long as there is an Amiga involved). As you will appreciate, we do get a lot of Workbench questions every month. If you want to get yours noticed, here are a few tips:

DO

- Be concise.
- Detail the actual problem as best as you can.
- Where applicable, describe the sequence of events that caused the problem.
- Give details of the equipment you are using (including which version of Workbench and which model of Amiga you have).
- Make sure your question is relevant and wouldn't be more easily solved by getting in touch with the dealer from whom you bought the goods.

DON'T

- Spend three pages telling us about your Aunt Ethel and only then explain your problem.
- Write in with questions like: 'I added a hard drive to my Amiga and it doesn't work. What can I do?' (Which machine? Which drive?)
- Send an SAE expecting a personal reply. The chances are extremely slim.

Please bear these points in mind and remember that we are trying our best to help you.

mechanism to mechanism. Almost certainly you will have to modify your machine to accommodate it – you will at least have to cut the metal shielding. Secondly, if it does work, you need to get a power cable for it. Unlike 2.5-inch drives, the larger ones require a separate power cable. You can get around this by connecting it to the floppy power point.

In short, the answer is that you can do this if you know what you are doing and don't mind bits and pieces of your A1200 being left out of the box when you put it back together.

Or you could try getting a hard drive from someone who specialises in such things, such as Gasteiner (0181 345 6000) or HiQ (0181 909 3885), who will offer to fit it and also give some sort of guarantee.

PC DOWNLOADS

I read with interest Scott Bovey's letter (PC Downloads, Workbench AF66) about the problems he was having downloading Amiga software from the Internet with a PC. I used to be plagued by this problem when I was at university and found that you have two choices:

1) Get an MS-DOS version of LHA to split the archives. They do exist – try using Archie or posting to an MS-DOS group on Usenet.

2) Better still use the Backup command on the PC to back up a directory of files you've downloaded to 720K disks, and use an Amiga version of *Restore* to get them back to your Amiga. The latest version of *Restore* for the Amiga can be found on Aminet:

pcres250.lhamisc/emu40K+PcRestoreV2.50. (This should be on one line.)

Try **ftp.doc.ic.ac.uk**.

EF Pritchard, efp90@nuke.dircon.co.uk

Thank you very much. I hope that the subject is well and truly dealt with.

IMPROVED SIGNAL

A technician repaired my standard A600 and he said that there are three ways to connect a TV to the Amiga and that I was using the third best.

I have got the line to the aerial socket in the TV but he mentioned that the best way was to go through my VCR. Can you elaborate on this and tell me what leads I need?

Scott Macdonald, E-mail

If you have a video with a composite input (which virtually all of them do), then you can connect the Composite Out from the A1200 for a much better

picture. The lead you need depends on your video. The output from the A1200 is a single phono for video, and two phonos for sound. Your video has either phono connectors for all of these (if it is an older model) or a SCART socket. So, the connectors you need are either phono-phono x 3 or Phono-SCART.

Almost any High Street video store should have these cables, and you can expect to pay between £5 and £8 for the SCART, and significantly less for the straight phonos.

RENDER WONDER

I have an A1200, which I am thinking of upgrading, mainly so I can use it for ray-tracing. I am currently using *Imagine 2* (the AF53 Coverdisk version), but I am seriously considering getting hold of *Lighters*.

1) I have been planning on buying a Viper accelerator, there are a number of versions available, so would I be better off buying a faster accelerator and no FPU, or getting one of the slower ones with an FPU? Would this depend on which program I decided to use?

2) I will be adding 8Mb of memory to the board, so do I have to buy two 4Mb SIMMS, or will one 8Mb one be OK?

3) Can you recommend a different accelerator board, or would the Viper be my best choice? I am not planning on spending much over £450 on the board, including the SIMMS, because I am also going to have to get a hard disk, so please bear this in mind.

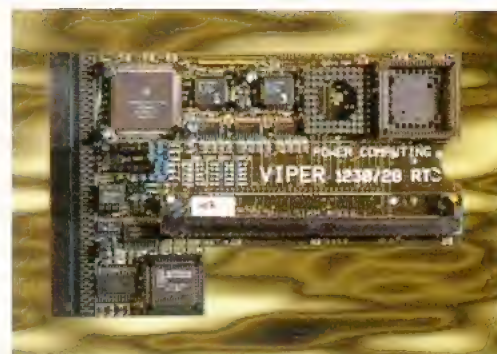
4) Finally, on a different subject, is there an ADA compiler available for the Amiga (preferably PD)? I am doing a Computer Science degree and have to use the language, but I am forced to use the university PCs to compile my programs, even though I can write them on my Amiga.

I would be very grateful if you could answer this. I have been getting this magazine since about issue 7 of *ST/Amiga Format*, when I got my first Amiga, so I think I deserve it.

NT Alford, E-mail

1) It would depend on the speed of the FPU. Certainly using *Imagine*, a 16MHz 030 with a 50MHz FPU would render faster than a 25MHz 030 on its own. However, generally speaking, faster processors give you a faster machine, which is useful, and usually they have FPU sockets, so you could get an FPU later on for a further increase.

To sum up the rest of your questions, go for the fastest processor and save up for an FPU at a later date. The Viper takes an 8Mb SIMM (in fact



The Viper 030, just one of the accelerator cards looked at in our round-up in AF63.

it will take a 128Mb SIMM too), so it is probably best to go for one of those. The Viper is a very good choice. If you are unsure, check out our recent round-up (AF63) for more information.

ADA compilers. Hmmm, there used to be one years ago, but I don't know of any currently available. I'm sure someone will write in to correct me though.

POWER PROBLEMS

I am using a CD32 with an SX-1 board. Added to this are two floppy drives, a hard drive and a 4Mb SIMM. My problem is that the normal CD32 powerpack isn't providing enough power and so the whole set-up either crashes horribly or simply won't start up. Do you know where I can get hold of a higher rated powerpack?

Daniel Parkington, E-mail

The simple answer is call HiQ on 0181 909 3885.

MEMORY MADNESS

Hi, of late I have been regularly visited by the legendary Guru Of Meditation himself – an occasional visit is inevitable I suppose, but the regularity on my system at the moment is beginning to get me down. I live in fear every working moment that he will pop his head through the window any moment.

He doesn't seem to mind which program I'm using, I've had him visit while using *Directory Opus*, *NComm* and a few others though there is one program that never fails to get his attention. When I'm playing *Legends Of Valour*, he waits till I have been doing exceptionally well then pops up and tells me it's time to reboot.

The errors he has quoted seem to be different every time though, to be honest the language he speaks seems foreign and garbled...

SAD MODE

I have several questions about CD-ROMs and IDE interfaces for you.

1. To use an IDE CD-ROM, can I just plug it into an IDE interface (such as my Alpha Power)?

2. Will I be able to play games for the CDTV and A570?

3. Can I buy an expansion port splitter and use an A570 and my Alpha Power with the expansion port?

4. Because I have two IDE-controllers can I use four IDE devices?

5. In your October issue you advised readers not to sample direct from digital audio if listening to Depeche Mode. Why? I do it all the time and it works fine for me.

Johan Östberg Hagmarksvägen
11 S-69436 Hallsberg Sweden

1. Yes. If you do not have Workbench 3.1 though, you will have to get hold of the CD filing system to be able to access the CD drive properly. There are versions of this and other CD utilities available in PD libraries, although if you are buying an IDE CD-ROM drive, you should ask if you get these utilities with it.

2. Quite a few CDTV games work on any CD-ROM drive properly connected to an Amiga.

3. Such a device does not, unfortunately, exist – mainly for practical reasons.

4. It depends what they are. You can certainly use four IDE hard drives.

5. Because it rots your brain. Just look at Jason Holborn – Depeche Mode are his favourite group and it's turned him into a bumbling, saliva dribbling wreck. Be warned!



Gasteiner's CD1200 is CDTV and CD32 compatible. See our CD round up in AF66 for more info.

#80000003.002E0488
#80000004.00224210
#80000004.002B3620
#80000004.00341090
#8000000B.00019250

I've tried reinstalling my hard disk with a back-up from a couple of month's ago when my life was free from his visits, but to no avail, I've also tried playing *Legends Of Valour* from floppies but still the Guru seems to find a way in.

My system consists of: A2000, GVP HC8 with 52Mb hard drive and 2Mb of SIMMS, Pro ROM Swapper with Workbench 1.3 and Workbench 2.04 ROMs installed and an A2286 Bridgeboard (though I don't use this any more). Also until recently I had an extra 2Mb on a Supra RAM board which I gave to my brother-in-law who also has an A2000, but my troubles began before its removal.

Since the system behaves normally for ages then crashes for no reason. Could this be caused by some sort of hardware failure? Is there any other possible cause for this behaviour?

Simon Kaye, E-mail

The Guru messages are all almost certainly to do with memory I'm afraid. Whether this is a faulty chip, or one that has just become unseated I wouldn't know. The best thing to do is to take everything apart and push in, with a reasonable amount of force, all the socketed chips.

If this doesn't work, it could be a thermally damaged chip, which goes faulty when it warms up. The only way to find out which one is to use a special electrician's freeze spray, which you can get from Maplins and most electronics stores.

CUSTOM SCREEN SAVERS

Is it possible to use a *DPaint IV* animation as a screen saver on an A1200? The system is fitted with a 130Mb hard drive and Viper accelerator with 4Mb of Fast RAM. If it is possible, what software do I need and where can I get it from?

Mike Jones, E-mail

The popular customisation program, *Maxxon Magic*, (80%, AF62) does not allow you to do this directly, but you could do it via an *ARexx* script. Or better still, you could just write an *ARexx* script to sit in the background and play your animation when nothing else is happening. Either way, you should brush up on *ARexx*.

HARD PROBLEMS

I noticed that in AF65 Workbench in reply to the letter Hard Disk Hassles, you put the problem

NOT FAST ENOUGH

I find my Amiga A4000/030 isn't as fast as I would like it to be, in fact waiting for the screen to refresh or opening up a new page in *Final Writer* for example is a real pain.

I want instant results I don't want to wait minutes for a print out from my HP 560 to be processed. I would like a faster machine but finances being as they are I'm stuck with what I've got.

However, and to my question, is it possible to swap my existing 68EC030 processor directly for a full 68040 processor? I think this may tide me over until the RISC processors are available for the Amiga 4000 if this ever comes about.

Andy Gumm, Middlesbrough, Cleveland

No, the 040 is not a pin for pin replacement in that way, so you can't just replace it for a faster



The Warp Engine is incredibly fast - more than 50 times faster than an A600, in fact.

machine. The best way to accelerate your machine is to get a Warp Engine card from Premier Vision (0171 721 7050).

down to installation problems. I think the problem is that when the A1200 boots up the AGA chip set is not enabled as far as new screen modes go (a CBM compatibility feature).

On the hard disk startup the SetPatch command enables these modes. Older software runs perfectly well if the new modes are not in effect (AGA chip set is on - no adjustment of the boot prefs needed) but refuse to run after the AGA chip set is fully operative after the SetPatch command. The utility *KillAGA* is very useful for solving this problem. *HistoryLine* is one game that works in this way. AGA games enable the new modes themselves.

Hope this clears it up.

Derek Piper, E-mail

Thank you. With complicated hardware/software configurations it is not always possible to test our solutions, so it is nice to get the occasional helping hand from a clued-up reader.

PREPPIE

I bought a 2.5-inch IDE drive for my A1200 at the FES. I followed the instructions from AF46 to put it into my Amiga. The drive seems to be in working order - the light comes on and I can hear it, but when I try to use *RDPprep* to partition it I get a No SCSI Disks error.

Help! Thanks.

Richard Jones, Glamorgan

Make sure that *RDPprep* is configured correctly. If you select the icon and choose Information from the Workbench menu, a requester appears. One

of the tool types will be listed as Device = xxxx. Make sure that the xxxx says scsi.device, because this may be set to something else depending on where you got *RDPprep* from.

Note, although it is an IDE drive, the Workbench driver is called scsi.device.

BAD GAMES

I recently renamed a disk icon. Now I seem to get many problems related to validation. The following error messages appear:

Error validating Games
Block 128093 bad header type
Volume
Games
IS not validated

Games is the new name for the disk icon. These problems occur when I load a disk, try to rename or move or copy drawers, try to get a Snapshot and at various other times.

Saavan Chavda, London

The disk has become invalidated when something has been writing to it. This means that *AmigaDOS* is no longer entirely sure which parts of the disk are being accessed. And in order to prevent any accidental loss of data, it will not let you write to the disk.

Usually Workbench sorts out these problems itself - you may notice some pretty frantic, constant disk activity for several minutes when you boot up. If it is unsuccessful, however, you need to use a disk salvage program such as the PD program *Disksalve2*, or find a commercial alternative.



SX-1 QUERIES

I own a standard CD³² with an SX-1 expansion block and a Zappo floppy drive connected.

- 1) Can I fit a 180Mb 3.5-inch hard drive from a PC or do I need a 2.5-inch drive?
- 2) Where can I get the cable?
- 3) Will I need a new power supply?
- 4) Will the hard drive have a higher priority at boot-up so that I need to disable it to boot from CD in the same way as the floppy has a higher priority than the CD?
- 5) Can I use the hard drive prepping software that came with the SX-1 or do I need the Workbench HD disk?
- 6) What kind of SIMMS (what size) does the SX-1 take, and where do I get them from?
- 7) Why doesn't CD0: appear on the boot list when you press the mouse buttons at reset?

8) Why does adding the SX-1 make the CD³² think there is a CC0: When there isn't?

Gary Wilson, <gwilson@teah.shu.ac.uk>

- 1, 2 and 3. A 3.5-inch drive should work, but the internal connector is only for 2.5-inch drives. In the A1200 this isn't a problem because the power supply can be taken from the floppy port. If you want a 3.5-inch drive, it would be better to get an external one for the SX-1, with its own power supply.
4. You can set the priority of the hard drive when you prep it. It is usually set low by default.
5. If you have software, it should work with the drive - most software, like *RDPprep*, is generic.
6. Standard 72-pin SIMMS in sizes of 1, 2 or 4Mb. Look in the ads in this issue for a good deal.
7. Possibly because the CD autoconfig hasn't completed by the time the boot menu is called.



Fed up with just playing games? Turn your CD³² into a real computer with Paravision's SX-1.

8. Because the SX-1 fools the CD³² into thinking it is an A1200, which should have one.

Wordworth



£49.99 including VAT and postage, is a small price to pay for any word processor.

What's even more amazing is that this isn't any ordinary word processor.

This is Wordworth,[®] the most popular

Amiga word processor in the world.

SE stands for Special Edition. Based on Wordworth 3.1 technology, this version

omits Wordworth's most advanced

features. Which means that Wordworth

3.1 SE runs like lightning, even on the

the most basic Amiga A1200 with just 2MB RAM and one disk drive.

For more information call

01 395 270 273 or write to Digita,[®]

FREEPOST, Exmouth EX8 2YZ.

So, now everybody can find out for themselves why Wordworth is used by more people than any other Amiga word processor in the world, bar none.



Digita International Limited,
Black Horse House, Exmouth EX8 1JL
Telephone: 01 395 270 273, Facsimile: 01 395 268 893

EX-SOFTWARE 3.5" DS/DD DISKS*** EX-SOFTWARE PREMIUM**

50	10.99	1249
100	19.99	2249
200	39.50	44.99
250	48.99	54.99
500	96.99	107.49



* DISKS ARE OVER-PRODUCTION RUNS FROM A SOFTWARE HOUSE. THEY CARRY OUR REPLACEMENT OR REFUND GUARANTEE AND COME COMPLETE WITH LABELS.



SNAP

COMPUTER

SUPPLIES LTD**HOTLINE**

01703

457111

RIBBONS-POST FREE

Full Mark Brand	2 off	4 off
	PRICE EACH	
Citizen 120D/124D Swift 24	2.75	2.55
Citizen Swift 24 Colour	11.95*	
Panasonic KXP 1080/1123/1124	3.25	3.05
Panasonic KXP 2123	4.95	4.75
Panasonic KXP 2123 Colour	10.95*	
Star LC10/LC20	2.60	2.40
Star LC10-4 Colour	5.50	5.25
Star LC24-10/24-200	2.95	2.75
Star LC24-10 Colour	9.95*	
Star LC200	3.00	2.80
Star LC200 Colour	9.95*	
Star LC24-200 Colour	9.95*	

HP Deskjet 500 Single Refill 7.99*
 Canon BJ10E Double Refill 7.99*

Minimum order - 2 ribbons, except those marked with an asterisk*

ACCESSORIES-POST FREE

Quickshot Apache Joystick	6.95
Quickshot Python IM Joystick	8.95
Quickshot Maverick IM Joystick	12.95
Mouse Mat	1.99
Mouse Holder	1.99
Roll 1000 3.5 Disk Labels	8.99
Amiga A500/A600/A1200 Cover	3.50
Philips monitor cover	3.99
Star/Citizen/Panasonic 80 col. Printer cover	3.99

All products are subject to availability - All prices include VAT. Please add £3.50 p/p for disks and boxes or £5.99 if goods required overnight. E&OE

VISA**SNAP COMPUTER SUPPLIES LTD** Fax: 01703 457222

Unit 12, The Sidings, Hound Rd, Netley Abbey, Southampton SO31 5QA

Access

Official Government
& Educational orders
welcome

LOWEST PRICED TOP QUALITY PRODUCTS
INCLUDING RIBBONS, INKJETS, TONERS, DISKS, ETC

Trade enquiries
welcome

Printer Ribbons - Ring for Ribbons Not Listed

BLACK	1 off	2+	5+	10+
Amstrad DMP 2000/3000	2.80	2.65	2.45	2.25
Amstrad DMP 4000	3.66	3.51	3.31	3.11
Amstrad LQ5000	6.10	5.95	5.75	5.55
Amstrad PCW8256/LQ3500 Fab	2.85	2.70	2.50	2.30
Amstrad PCW8256/LQ3500 M/S	3.57	3.42	3.22	3.02
Amstrad PCW9512 Fabrie	3.38	3.23	3.03	2.83
Amstrad PCW9512 M/Strike	2.60	2.45	2.25	2.05
Brother M1009/1024/1109/1209	3.90	3.75	3.55	3.35
Brother M1818/1824L/1924L	4.88	4.73	4.53	4.33
Citizen 120D/124D/124D/249	2.85	2.70	2.50	2.30
Commodore MPS1220/1230	4.50	4.35	4.15	3.95
Commodore MPS1500/1550	6.75	6.60	6.40	6.20
Epson LQ100	4.10	3.95	3.75	3.55
Epson LQ200/400/500/800/850	3.45	3.30	3.10	2.90
Epson LQ1000/1050/1070/1170	4.10	3.95	3.75	3.55

BLACK	1 off	2+	5+	10+
Epson FX/MX/RX30/FX/LX800	2.90	2.75	2.55	2.35
Epson FX/MX/RX100/FX/MX1000	3.36	3.21	3.01	2.81
Epson LX80/86/90	2.12	1.97	1.77	1.67
Fujitsu DL3300/3400, DX2200	3.75	3.60	3.40	3.20
IBM 4207/4212 Proprinter X24	3.88	3.73	3.53	3.33
Mannesmann Tally 80/81	3.90	3.75	3.55	3.35
NEC Pinwriter P2200/P2-	3.03	2.88	2.68	2.48
OKI ML182/183/192/193/195	3.17	3.02	2.82	2.62
OKI ML320/321/380/390/391	3.32	3.17	2.97	2.77
Panasonic KXP1123/1124/1140	3.46	3.31	3.11	2.91
Panasonic KXP1080/1180/90	2.89	2.74	2.54	2.34
Panasonic KXP1524/1540/1624	4.55	4.40	4.20	4.00
Panasonic KXP2123/2124/2180	5.75	5.60	5.40	5.20
Seikosha SL90/92/95/96	5.70	5.55	5.35	5.15
Star LC10/20/100	2.29	2.14	1.94	1.84

Inkjet, Cartridges & Refills

BLACK	1 off	2+	5+	10+
Star LC200	3.00	2.85	2.65	2.45
Star LC24-10/20/200	2.85	2.71	2.51	2.31
Star ND/NL/NR/NX10, NB24-10	3.85	3.70	3.50	3.30
Taxan Kaga KP810/815/910/915	3.14	2.99	2.79	2.59

COLOUR	1 off	2+	5+	10+
Citizen 224.240, Swift 24/9	12.81	12.66	12.46	12.06
Commodore MPS1500/1550	9.38	9.23	9.03	8.63
Panasonic KXP2123/2124/2180	10.63	10.48	10.28	9.88
Star LC10/20/100	6.00	5.85	5.65	5.25
Star LC200	9.78	9.63	9.43	9.03
Star LC24-10/20/200	9.63	9.48	9.28	8.88

COLOUR	1 off	2+	5+	10+
HP Laserjet II/III Toner Cartridge	44.51	each		
HP Laserjet II/III Toner Cartridge	53.14	each		

Toners

HP Laserjet II/III Toner Cartridge 44.51 each
 HP Laserjet II/III Toner Cartridge 53.14 each

Ring For Toners Not Listed

Ring For Inkjets & Refills Not Listed

Ring us and WE WILL BEAT all other Ribbon prices**3 1/2" Disks, Disk Boxes & CD Drawers****Top Quality Bulk****Branded**

	DS/DD	DS/HD	DS/DD	DS/HD
10 Disks	\$5	\$8	\$6	\$9
25 Disks	\$11	\$16	-	-
50 Disks	\$19	\$29	\$24	\$36
100 Disks	\$32	\$52	\$41	\$66
250 Disks	\$75	\$115	\$96	\$153
500 Disks	\$145	\$206	\$187	\$288

Preformatted (MS-DOS) Bulk disks available at 2p extra/disk.
 All Disks Certified 100% ERROR FREE and INCLUDE FREE Labels

Normal Delivery FREE.
 GUARANTEED Next Day Delivery (not N. Ireland)
 available, for all products at \$5.50

Lockable 3 1/2" Disk Boxes

100 Capacity \$5.99
 50 Capacity \$4.99
 with orders of \$10+

Lockable 3 1/2" Disk Drawers

200 Capacity \$15.99
 100 Capacity \$13.99

3 1/2" 10 Capacity Boxes \$1.50

3 1/2" 6 Capacity Wallets \$3.99

Lockable CD Drawers

30 Capacity \$16.99

Joysticks, Mice & Trackballs**Special Low Prices (Limited Period Only)**

for Quickshot Joysticks for Amiga/Atari ST

Apache 1	6.89	Python 1M	8.89
Aviator 1	25.99	Starfighter 1	8.49
Intruder 1	22.99	Turbo II	8.49
Maverick 1M	12.49		

Mice & Trackballs for Amiga/Atari ST

Mouse 11.99 Trackball 23.99

Paper & Address Labels

2000 Sheets 11" x 9", 60 gram,	1 box - 19.99
Micro Perforated, Listing Paper	2+ boxes - 14.99
500 Single Sheets A4, 80 gram, Laser	1 pack - 8.99
Paper (suitable for inkjet printers)	2+ packs - 5.99
Tractor Feed Address Labels,	500 - 4.49
1 across width, 3 1/2" x 1 1/4"	1000 - 7.49

Miscellaneous Items

100 Single Colour 3 1/2" Disk Labels	1.99
1000 Single Colour 3 1/2" Disk Labels	8.99
1000 Multi-Colour 3 1/2" Disk Labels	9.99
1000 White Tractor Feed 3 1/2" Disk Labels	10.99
3 1/2" Disk Cleaning Kit	2.99
Parallel Printer Cable (1.8m)	3.99
Mouse Mat 6 mm Thick - 2.99, 8 mm Thick - 3.99	
Mouse House	2.99
2 Piece Universal Printer Stand	5.99
14/15" Optical Glass Screen Filter	16.99
Amiga Mouse/Joystick Switch	9.99
Mini Stereo Speakers	5.99

Dust Covers

CPU & Monitor	6.49	Atari ST	3.99
Monitor	4.99	Amiga 500	3.99
80 Column Printer	3.99	Amiga 600	3.99
PC Keyboard	3.99	Amiga 1200	3.99

All Prices INCLUDE VAT (@ 17 1/2%) & FREE UK Delivery**01543 250377**

Ring us or send cheques to:

01543 250377

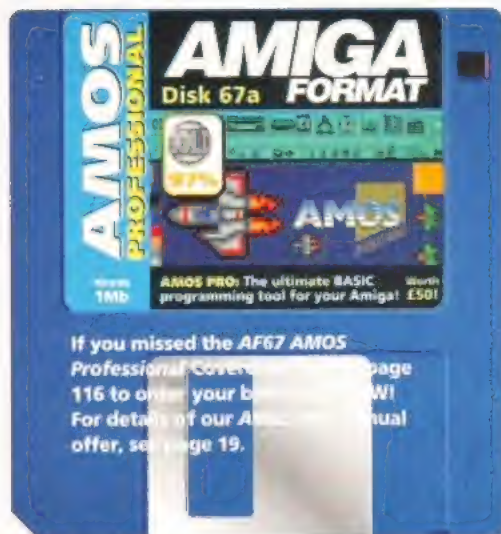
Owl Associates Ltd, Dept 292, Owl House,

5 The Brambles, Lichfield, Staffordshire, WS14 9SE

E & OE

VISA

Ultimate AMOS



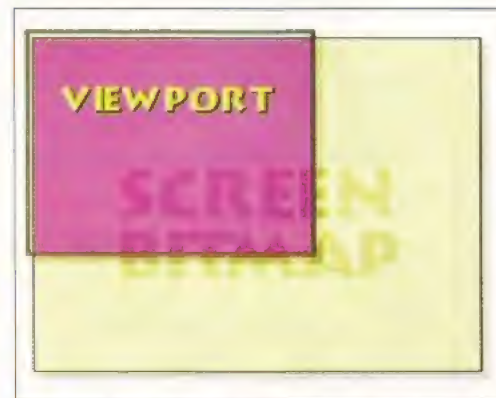
In the first of a six-part series of tutorials, **Jason Holborn** takes an in-depth look at *AMOS Professional's* powerful screen handling capabilities.

When covering a programming language like *AMOS Pro* that has been specifically optimised for writing games, it's always tempting to dive in at the deep end. We'd all like to become proficient games programmers overnight but that isn't going to happen. The fact is that professional games programmers spend years honing their skills so you're being unrealistic if you think that *AMOS Pro* is suddenly going to enable you to give Sensible's Jon Hare a run for his money.

Don't be put off, though. After all, you have one major advantage that Jon did not enjoy – you have a copy of *AMOS Professional*, probably the easiest to use and most powerful games development language ever produced. Most



Most arcade games use two or more overlapping screens. The two status panels here, for example, are completely separate from the main play area.



When you want to resize a screen, *AMOS Professional* works on the screen's viewport rather than the screen bitmap information.

games programmers have to spend years developing routines that handle sprites and bobs, scroll screens, check for collision detection and so on but with *AMOS Professional* all the work is done for you – you just have to concentrate on the mechanics of your games.

We're not going to dive straight into games programming, though. Instead, we'll be taking a less direct route by concentrating on individual aspects of game design – screen scrolling, how to animate blitter objects, checking for collisions between objects and, of course, the nuts and bolts of writing games.

One of the most fundamental aspects of programming is the screen. Without a screen, a program can't display anything on the Amiga's monitor. As an Amiga user, you probably already know just how powerful your machine's screen hardware is – not only can you create screens in any one of a number of resolutions and colour combinations, but *AMOS* also enables you to mix and match screens so that the display you see on your monitor consists of several independent screen zones, each of which has its own colour depth (how many colours it can display), resolution and palette. In all, a maximum of eight screens can be displayed at any one time.

When you load *AMOS Pro*, it automatically opens a screen for you which can be used to display a maximum of 16 colours in low resolution mode. If this screen isn't to your liking (you might want more colours, for example) then you need to open a screen using the *AMOS Pro* Screen Open command. Here's a quick rundown of the Screen Open command.

Screen Open N,W,H,C,M

N – The N parameter holds the screen number you wish to allocate to a screen. The screen number (a value between 0 and 7) is a value which *AMOS* uses to distinguish between screens.

W – The W parameter defines the width (in pixels) of a screen. A low-resolution screen should be 320 pixels and high-resolution should be 640.

H – The H parameter defines the height (in pixels) of your screen. The value you use depends on whether the screen is interlaced or not and whether you wish the screen to be in PAL or NTSC mode. See the box on screen combinations.

C – This parameter tells *AMOS Pro* how many colours you wish to make available to your screen.

FUN WITH PALETTES

When a screen is first opened, *AMOS Pro* automatically allocates a pre-set selection of colour settings to the screen's own palette. If these don't suit your needs, you can quickly and easily change them using two palette-related commands that *AMOS Pro* provides.

Palette – The Palette command enables you to define a palette en masse – all the colours are defined with a single statement. The format of the Palette command is simple enough, just enter the command followed by a string of three-digit hex numbers (representing RGB values) that define each colour in order one after another (such as colour 0 first, colour 1 next and then colour 2). The following example would set colour 0 (usually the background colour) to black (\$000), colour 1 to white (\$FFF), colour 2 to red (\$F00) and so on.

Palette \$000,\$FFF,\$F00,\$F0F

Colour – The Colour command lets you define any single colour register. Simply tell it the number of the colour you wish to define followed by a three-digit hex value that defines that colour as an RGB value. The following example would set colour 12 to red.

Colour 12,\$F00

SCREEN COMBINATIONS

AMOS Pro may not support the A1200's extended AGA screen modes but it does handle the full range of non-AGA screen modes.

Screen Format	Resolution	Colour Combinations	Screen Mode
PAL Low Resolution	320x256	2,4,8,16,32	Lowres
PAL Low Resolution Laced	320x512	2,4,8,16,32	Lowres+Laced
PAL Medium Resolution	640x256	2,4,8,16	Hires
PAL High Resolution	640x512	2,4,8,16	Hires+Laced

Note – NTSC vertical resolutions are 200 and 400 pixels respectively.

Tutorial

Part
1

NEXT MONTH
THE NEXT STEP IN USING
THE AF67 COVERDISK TO
WRITE YOUR OWN GAME.

AMOS TUTORIAL

LOADING AND SAVING SCREENS

Once you've opened your screen, you'll want to display something on it. One of AMOS Pro's most useful facilities is its support for the IFF ILBM image file format which, as any Amiga user should know, is a common file format supported by just about every Amiga paint program. What this means is that you can use a paint program such as DPaint or Brilliance to design graphics for your AMOS Pro creations.

AMOS Pro provides two IFF-related commands – Load IFF and Save IFF. The Load IFF command needs only to be fed the filename of the IFF image you want to use and it loads that image into the current screen. The screen automatically inherits the image's palette too, so you don't have to redefine your screen's palette. Here's an example:

```
Load IFF "RAM:MyPicture.IFF"
```

You can also force AMOS Pro to automatically open a screen for your IFF picture by adding a comma followed by the number of the screen you'd like opened. You can save the contents of an AMOS Pro screen too using the Save IFF command. Simply enter the command followed by a file name and AMOS Pro saves the current screen off to disk as an IFF file under the filename that you specified.



All Amiga paint programs support the IFF file format so you can use them to prepare graphics for your AMOS Pro creations.



Screens are important to AMOS programs because they act as an interface between the program and the user.

Low-resolution screens can use a maximum of 32 colours and medium and high-resolution screens can use 16.

M – The M parameter tells AMOS Pro what type of screen to open – Lowres opens a low-resolution screen, Hires opens a medium/high-resolution screen and adding +Laced to either of these interlaces the screen.

Every screen you open needs its own unique screen number (the S parameter) for AMOS Pro to keep track of it when other screens have been opened. You'll find that virtually all of AMOS Pro's

screen-related commands need a screen number value so they know which screen to work on.

Some commands (such as drawing commands), work on the current screen so you need some way of telling AMOS Pro which screen (if more than one is currently open) it should use. In this case, AMOS Pro provides a command called Screen which, when followed by a valid screen number, forces AMOS Pro to change the current screen to the one that you specify – entering Screen 2, for example, would change the current screen to screen number 2. AMOS Pro enables you to move the current screen around on your monitor display so that it is no longer centralised, using a command called Screen Display. This may not sound particularly useful but it comes in handy when you have more than one screen open because you can use the Screen Display command to position the screens where you want them – you might want a screen with the player's score and lives below the main screen.

The Screen Display command also lets you resize a screen without reopening it. In reality, you're not resizing the screen but its viewport – the window which the Amiga generates to display the screen's bitmap on your monitor. Because you're resizing the viewport, the screen bitmap data is not affected so you can shrink a screen without the data being lost. Stretch the viewport to its original size and the data reappears. Here's the format of the Screen Display command.

```
Screen Display N,X,Y,W,H
```

N – The N parameter holds the number of the screen that you'd like to work on.

X – The X parameter is a value between 112 and 432 that controls where your screen is displayed on the horizontal axis on your monitor. These are

LISTING

Rem *** Screen Handling Demonstration
Rem *** By Jason Holborn

```
Screen Open 0,320,200,32,Lowres  
Screen Open 1,640,172,Hires  
Screen Display 1,,260,,
```

Screen 1

```
Flash Off : Curs Off : Palette $F00,$FFF  
Locate 0,0 : Centre "Move me with the  
joystick!"  
Locate 0,1 : Centre "Press FIRE to Quit"
```

Screen 1

```
X=128 : Y=48 : H=0
```

Repeat

```
If Joy(1)=1 Then Y=Y-16  
If Joy(1)=2 Then Y=Y+16  
If Joy(1)=4 Then X=X-16  
If Joy(1)=8 Then X=X+16
```

```
If X>432 Then X=432  
If X<112 Then X=112  
If Y>300 Then Y=300  
If Y<0 Then Y=0
```

Wait Vbl

```
Screen Display 0,X,Y,,  
Until Joy(1)=16
```

Screen Close 0

hardware values so you may need to experiment to get the value you want. The Amiga automatically rounds these values up to a multiple of 16.

Y – The vertical position. Values lie between 0 and 312 – a value over 300 makes the screen disappear.

W – W defines the width of the viewport. This value is rounded up to the nearest multiple of 16.

H – The height of the screen's viewport.

Once you're finished with a screen, you need to be able to close it and free up the memory that was allocated to the screen to hold its bitmap information. After the screen has been closed, the memory it occupied is made available to your AMOS program so that you can open further screens. The command to close a screen is Screen Close followed by the screen's identification number (Screen Close 1, for example).

GET THE BOOK

If our regular look at AMOS Professional programming has whetted your appetite for more then fill that gap with the Amiga Format book *Ultimate AMOS*. Covering everything from screen scrolling and sprite animation to possibly the most in-depth look at AMOS games programming ever published, *Ultimate AMOS* is a must for all AMOS coders. Turn to page 142 to find out more.

WIN UP TO £1,000!

Yes, your AF67 AMOS Professional Coverdisk could win you up to £1,000 in our fantastic Write A Game In AMOS competition. Send us your AMOS games and we'll judge the best ones and reward the winners with cash prizes. Send your entries to: AMOS Competition, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW. See AF67, p41 for full details of the competition and the rules.

AMIGA FORMAT PRESENTS

These specially-created *Amiga Format* tutorial videos show you how to get the most out of your machine. And each one costs just **£14.99** each.

An Introduction to the A1200

The AF experts show you how powerful and versatile the A1200 is with the best advice and tutorials on all aspects of the machine.

Guide to A1200 Hard Drives

Buying a hard drive opens up a whole new world of Amiga use. We tell you how to choose, install and take care of your drive.

The Guide to Upgrading Your Machine

As you begin to realise the full potential of your Amiga, you'll want to make it even bigger and faster - we show you how.

Get the most out of Music-X

Music-X is one of the most powerful sequencers for the Amiga. With our advice and in-depth tutorials you can really get in tune with this excellent package.

Get the most out of Personal Paint

To get the most out of Cloanto's outstanding package, you need to know about bitmaps, brushes and more. We explain all.

The Guide to Multimedia

Handling multimedia applications is one of the Amiga's greatest strengths. We reveal everything you need to know.

Get the most out of Desktop Video (Beginners)

Expert tips on how to set up a home video system with your Amiga at its heart. Contains tutorials, buying advice and much, much more.

Get the most out of Desktop Video (Advanced)

Expand your knowledge of DTV as we give you the low-down on digitisers, image processors and 24-bit graphics cards.

Get the most out of ClariSSA

We reveal how you can bring your art to life with *ClariSSA*'s Super Smooth Animation facility and colour effects.

9
professionally produced
tutorial videos to
choose from!

**Postage
& packing
FREE!**

Save £10

Buy any **3** videos for **£34.95**

AMIGA FORMAT VIDEO OFFER FORM

Name

Address

.....Post Code

Signature

Amount enclosed

Method of payment (please circle) Access Visa Cheque PO

Please make cheques payable to: **Future Publishing Limited**

ALL PRICES INCLUDE POSTING, PACKING AND VAT

Credit Card no

Expiry Date

Please send me (tick as appropriate)

<input type="checkbox"/> Get the most out of <i>Personal Paint</i>	AF0001	£14.99
<input type="checkbox"/> An Introduction to the A1200	AF0002	£14.99
<input type="checkbox"/> Guide to A1200 Hard Drives	AF0003	£14.99
<input type="checkbox"/> The Guide to Upgrading Your Machine	AF0004	£14.99
<input type="checkbox"/> Get the most out of <i>Music-X</i>	AF0005	£14.99
<input type="checkbox"/> The Guide to Multimedia	AF0006	£14.99
<input type="checkbox"/> Desktop Video (Beginners)	AF0007	£14.99
<input type="checkbox"/> Desktop Video (Advanced)	AF0008	£14.99
<input type="checkbox"/> Get the most out of <i>ClariSSA</i>	AF0009	£14.99

*** Save £10! Buy three Amiga Format videos for £34.95!**

SEND THIS FORM TO: **Amiga Format Videos,
Future Publishing Limited,
FREEPOST (BS4900),
Somerton, Somerset TA11 6BR.**

DO NOT SEND CASH, USE METHOD OF PAYMENTS LISTED ON THIS COUPON

☐ Tick here if you don't want to receive special offers from other specially-selected companies

Call our order HOTline on 0225 822511

AMIGA REPAIRS

FIXED PRICE ONLY £42.99 Incl. (A500/+, A600 ONLY)

* Price includes PART, LABOUR, DELIVERY & VAT

* 90 Day warranty on all repairs

* 24 Hour turn-around on most repairs

* All upgrades purchased from us fitted free with repair

* Includes FULL DIAGNOSTICS, SERVICE AND SOAK test

* If drive or keyboard need replacing add £10

AMIGA A1200 Repairs only £52.99 Fully Inclusive

Est. 13 Years

SPECIAL OFFERS

A500 Internal Drive	£36.20	A600/1200 Internal Drive	£38.90
A500/600/1200 PSU	£28.50	A500 Keyboard (UK)	£42.90
Fatter Agnus 8372A	£24.30	A500 CIA	£15.00
Super-Denise	£18.40	A520 Xchange Modulator	£18.00

CHIPS

8371 Agnus (A500)	£12.60
8372A 1 Meg Agnus	£24.30
8375 2Meg Agnus	£24.30
8374 Alice (A1200)	£12.70
8362 Denise (A500)	£9.60
8373 Super Denise	£18.40
8364 Gary	£7.60
8520 CIA (A500/+)	£15.00
8520 CIA A600/1200	£15.00
8364 Paula (A500/+)	£12.34

CHIPS

Kickstart 1.2	£4.20
Kickstart 1.3	£6.80
Kickstart 2.04	£22.10
Kickstart 2.05	£29.90
Kickstart 3 (high)	£25.00
Kickstart 3 (low)	£25.00
Rom Shaver	£15.00
NEW Modulators	£29.50

All spares are factory NEW and genuine Commodore parts. All come with 12 months warranty (Except chips)

HARD DRIVES

Quality 2.5 inch Int HD	
Suited for A600 & A1200	
60 Mbyte	£120.00
80 Mbyte	£125.00
120 Mbyte	£150.00
170 Mbyte	£195.00
210 Mbyte	£249.00

All drives complete with cable, fitting instructions installation software and 12 months warranty

Add £1.00 P&P on chips, £2.50 P&P on drives & PSUs We reserve the right to refuse repairs

ATTENTION ALL DEALERS

Our Company offer the most competitive dealer repair service on all home computers. Credit facility available. SEND FOR FREE INFORMATION PACK TODAY

Service HOTLINE (0533) 470059

DART Computer Services (AF)
105 London Road
LEICESTER LE2 0PF



DART
Computer Services
The Guild of Master Craftsmen A division of D.A. Computers Ltd

Exclusive PD

Reliability, speed and all you need.

Exclusive PD, Dept AF,
7 Beresford Close,
Waterlooville,
Hampshire PO7 5UN
Tel: (01705) 642409

TOP PD SOFTWARE

CD'S

UTILITIES

DPoint Buddy Sys (2)
Seigfried Copy
Magic Expansion V1.3
Archivers
EPU Disk Stacker V1.63
Arexx Progs & Examp. (2)
Seka 32 Professional
DiskManager V4.0 [2.04+]
VMM & VMem [2.04+]
Virus W/Shop V4.3 [2.04+]
CBlanker [2.04+]/[030]
HD Utils 2000 (2)
Assign Manager [2.04+]
Security [2.04+]
Menus & more [2.04+]

GAMES

Kiss the Canvas AGA
Steel Devils
Indycar Challenge
Atomic
Evil's Doom
Spelltris
Industrial Espionage
Spheres of Influence
Missiles O. Xerion AGA (2)
Roket AGA
Dong II Demo
Sniper
Putty Squad Demo
Galaga Deluxe V2.4 [2.04+]
Hot AGA Remix

LightROM	£35.50
Pro Utilities	£18.50
Pro GIF ClipArt	£18.50
Fresh Fish 7	£20.50
GIF's Galore	£20.50
Assassins CD	£18.50
Sheer Dlite (18+)	£20.50
LSD Tools CD	£18.50
Aminet 4	£18.50
Hottest 4	£18.50
17Bit Phase 4	£18.50
Sounds Terrific	£20.50
Double CD Bargain	
Fonts	£10.50
ClipArt	£10.50

All CD prices include P&P

1200 SLIDES

Mini Slideshow II (4)
Space Fantasy Art
Babylon 5 Slides
The Far Side Slides
Bodyshop 8 (3)
Claudia Schiffer '94 (3)
Alien Raytraced Pics
Blade Runner Jpegs
Alien Science (2)
Aladdin (3)
Crawford Vol 1 (2)
Scan is Lame (2)
Red Dwarf (2)
Girls of Eric (2)

F1 LICENCEWARE

Blackboard V3.0 (3)
Maze Madness
F1 Music Vol 4
Erik
Beg. Guide to AMOS (2)
Intro. WB/DOS [2.04+] (2)
Operation Firestorm
Wheelie
Off You Go
AmosZine #4 (3)
Giddy II
1 Disk F1 Title = £3.99
Add £1 for each extra disk in the set

Accessories

Dust Cover	£2.50
Quality Mouse Mat	£2.50
3.5" Drive Cleaner	£2.50
50 DSD Dsks	£20.50
100 DSD Dsks	£39.50

All prices include P&P
All PD Disks £1 per disk
whether in this ad or
ANYONE else's! UK add 50p
per ORDER to cover P&P,
Europe add 20p per disk,
World add 40p per disk

CATALOGUE DISK
Free with 1st order or 2x25p
Stamps

GIF Beauties Pack

18 disks of 256
colour babes
£15.00 inc P&P

Bodyshop Pack

Issues 1 - 7
(12 Disks)
£10.00 inc P&P

Fred Fish

Any 10 Fred
Fish Disks
£8.00 inc P&P

Specy Pack

Emulator & 38
disks of games
£25.00 inc P&P

ANALOGIC
ANALOGIC
ANALOGIC

Analogic Computers (UK) Ltd
Unit 6, Ashway Centre,
Elm Crescent
Kingston-upon-Thames
Surrey KT2 6HH

Open Mon-Fri 9am-6.30pm
Sat 9am-5pm

Tel: 0181-546 9575
Fax: 0181-541 4671

COMPUTERS AND MONITORS REPAIRS WHILE-U-WAIT!!!

- * AMIGA A500/A500+ REPAIRS WITHOUT DIAGNOSTIC FEES
- * FIXED CHARGES (A500 AND A500+ ONLY)
- * FAST TURNAROUND
- * MANY COMPUTER REPAIRS DONE WHILE-U-WAIT
- * WE PROVIDE PICK-UP SERVICE FOR REPAIRS FOR ONLY £6.00 + VAT

MEMORY UPGRADES

Upgrade top 1 Meg

Upgrade to 1 Meg
with clock

A500

£12.95

£17.95

Upgrade to 1.3 Meg

Upgrade to 2 Meg

A500+

£12.95

£19.95

Upgrade to 2 Meg

Upgrade to 3 Meg
with Clock

A600

£24.95

£29.95

A1200

Memory Upgrades
2 Meg.....£110.00 4 Meg.....£175.00
P.O.A. for 1 Meg and 8 Meg

PRINTERS

HP Range P.O.A.

MONITORS

P.O.A.

**GUARANTEED
SAME DAY DESPATCH**
(Subject to availability)

INTERNAL FLOPPY DRIVES for A500, A600, A1200

£35.95

IDE HARD DRIVES

Ring for
Best Prices

CHIPS, SPARES, ACCESSORIES

KICKSTART ROM V1.3	£24.95	CIA	£9.95
KICKSTART ROM V2.04	£29.95	Video DAC Chip (A1200)	£19.95
KICKSTART ROM V2.05	£34.95	68000	£14.95
A500/A500+ Keyboard	£59.95	6570 Keyboard Chip	£19.95
A600/A1200+ Keyboard	£69.95	Mouse (290 dpi)	£14.95
A500/A600/A1200 PSU	£27.95	Scart Lead	£14.95
1 MEG FATTER AGNUS	£34.95	Mouse Mat	£3.95
2 MEG FATTER AGNUS	£39.95	Dust Cover	£3.95
PAULA	£19.95	10 Unbranded Disks	£4.95
GARY	£11.95	Printer Cable	£9.95



* All prices include VAT * All prices subject to change without notice
* Fixed charge for repair does not include disk drive/keyboard.

* We reserve the right to refuse any repair. * P & P charges £3.50 by Royal Mail or £6.00 + VAT for courier



Better by design

Part 5

Joining the world of periodical publishing is nowhere near as difficult as you might think. Not with your trusty Amiga and a desktop publishing package at hand. **Marcus Dyson** explains a few of the tricks of the trade.



If you do have a scanner, or know someone who does, there really is no way of stopping you. The power to create professional-looking publications is well within your grasp.

Pagesetter 2
Disk 63a **AMIGA** FORMAT

STOP PRESS! FREE! with issue 63 Needs 1meg

Create posters, newsletters and even magazines with this powerful DTP program.

Worth £100! (Original MS £19.95)

If you missed our fantastic AF63 Pagesetter 2 Coverdisk, turn to page 116 NOW and order a back issue! And you can buy a copy of the Pagesetter 2 manual through AF—just turn to page 19.

We often hear about the power of the press. But what is this mythical power? It is the power to inform, educate and entertain people, it is the power to disseminate information. And since the invention of the photocopier, it is a power that virtually everyone has, to some degree.

Punk art and literature of the late Seventies made good use of the advent of affordable High Street photocopy shops in their fanzines, flyers and posters for gigs. Indeed much of punk's cut-up style, pioneered by the likes of Jamie Reed and Malcolm McClaren was driven by the 'stick it together and photocopy it' ethos.

Now that cheap photocopying has been augmented by cheap home computers, the power of the independent press is greater than ever. Your thoughts and passions can now be expressed in a way that is also powerfully designed, and easy to

read. But sadly, when I go to a gig these days it's very unusual for anyone to try to sell me a fanzine.

In the early Eighties, there were at least three different fanzines on sale at every gig. These were brief flares of creative ambition which rarely, if ever, made it to issue three. But they were wonderful things, unfettered by the pretensions of the self-styled rock press.

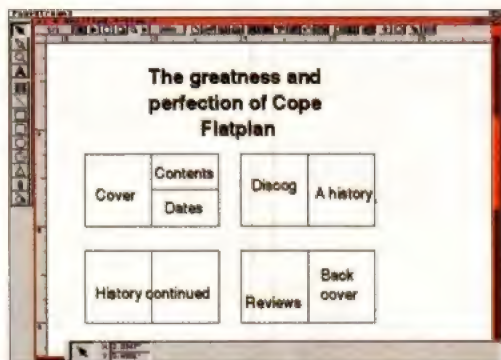
The passing of the fanzine is sad, but sadder still is the fact that the few that are produced these days are often the same sellotape-and-typewriter affairs that were on offer 14 years ago. Hey, I know that many of these are produced by students, and most of them don't have much of a budget, but if you have an Amiga, a copy of *Pagesetter 2* and a few hours to spend, you can spread your own particular brand of sedition. Here's how.

CHOOSE THE SUBJECT

OK, it's a bit obvious, but if you hope to sell a few copies of your rag, it should be about a subject



If you don't have a scanner, don't panic. Just define the area you want the picture to fit with an outline box. Then add the picture later using photocopy techniques.



You should draw up a flatplan of the issue. This shows what is going on each page, and makes the job of designing the fanzine a whole lot easier.



Don't just sit down and write straight into your PageSetter grid. Work out and list what you intend to include in your fanzine first.

that people are interested in and one which you have some knowledge of. So, if your hobby is sticking your head down toilets, a fanzine on the subject may not be a good idea.

If a more mainstream (but not entirely so, or there will be reams of professionally-produced magazines on WH Smith's shelves) pastime is your passion, or you have a completely different angle on an already well-covered subject, such as the idea of doing a music magazine that can recognise a good tune when it hears one, or a PC magazine that can tell a good game from a semi-interactive graphics demo, then you have found your window.

PLAN THE THING

It's easy to write too much, especially when you are writing about a subject that you are very interested in. An eight-page fanzine on the godlike genius of Julian Cope is a very worthy publication, but not if it comprises of just one huge eulogy to him.

Variety is what makes a mag interesting, so before you even put mouse to mouse mat, write yourself a features list. After every feature put down a word count, and estimate how many pages it should occupy.

COPY FITTING

If you don't know how many pages a feature needs, you need to create a copy-fitting table. Plan your column size, and flow a text file into it in the

font and size you want to use. Cut off the text at the bottom of a column, and do a word count.

This tells you how many words you can get on a column. Multiply this by the number of columns on a page, and you have a word count per page.

You can now calculate how many pages each feature should have. Don't forget to allow for pictures and headlines. There is no set rule for page planning, it depends on the way you intend the feature to be designed. If you are planning lots of full-page pictures, an article takes up more space than if you intend it to just have a headline and text. It's something you get used to with time.

MAKE A FLATPLAN

A flatplan is a document that forms a diagram of your whole publication. As if you had taken it apart and laid it out on the floor and photographed it from above. Of course, you can't make one by taking your whole publication apart and photographing it from above, because you have to do it before your publication is even started.

Your flatplan can be done in one of two ways, either straight, starting at page one (the cover) and working through to page 16 (or 8 or 32), the back cover. Or in pairs.

What are pairs? Imagine how you will create your mag. If it is to be A5, you will probably photocopy it on to A4 paper, and then fold it and staple it. This is called saddle stitched in the trade,

by the way. Now take a few sheets of A4, put them together and fold them to make a 16-page booklet. On page 1 write the number one. Now flip the page and write 2, then 3 and so on until every page is numbered. Now pull your booklet apart and look at the numbers. You will find that 1 and 16 are on the same side of the same sheet, so are 2 and 15, 3 and 14. The only logical coupling is for pages 8 and 9, the centre spread.

So you could make your flatplan up in a logical sequence, or in a printers' sequence (as described above). It is probably better to do it in a logical sequence, because it is easier to see at a glance how many pages each article takes up and to see how they relate to other articles. But it is wise to create a printers' imposition plan too, using the method described above, because when you come to design the thing, you will know which pages to lay out next to each other.

It's even more important that you refer to your book dummy. Turn page 1/16 over and page 2/15 is on the flip side. Flip page 3/14 over and you'll find 5/13 on the other side. It's vital that you make a note of what pages have to be on the back of each sheet, as well as on the front!

WRITE IT!

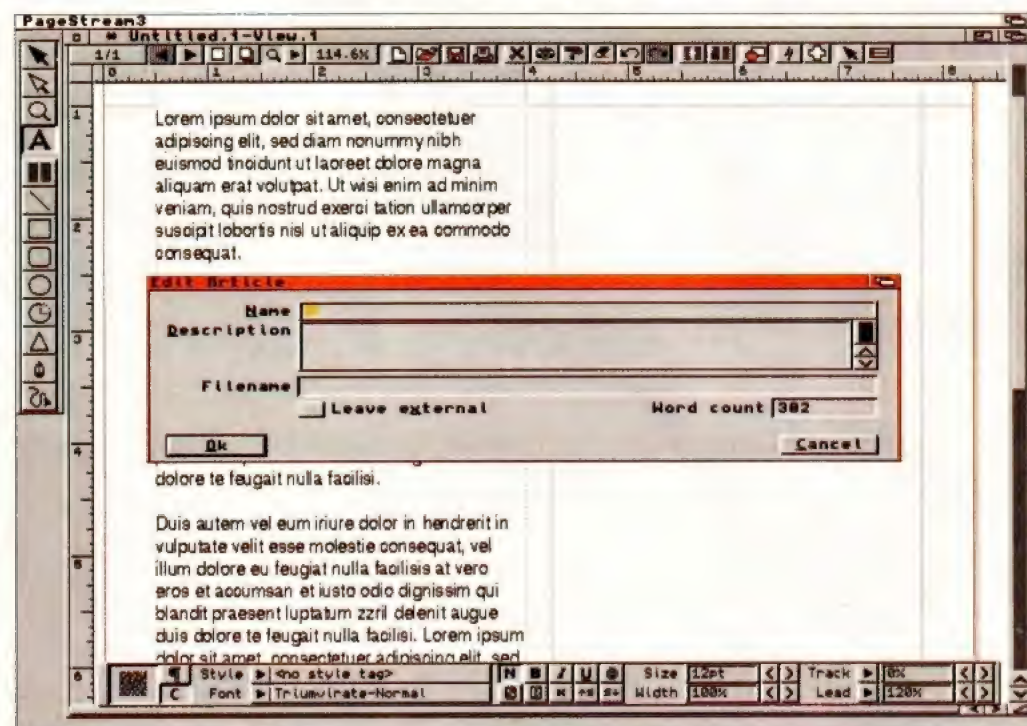
If you're creating a whole publication yourself, you probably won't want to write all of it. Sure, if it is a one-off, and not time sensitive, you might be able to. But if you hope to get one done every month or two, or if the subject matter would suffer if it were not distributed quickly, then you have either saddled yourself with a hell of a lot of work, or you are going to need some help.

If your publication is going to be the newsletter of a club or society, then you have the membership to turn to for articles, letters and ideas. Otherwise you will either have to rely on some friends, or actively seek the help of others. If you are editing the publication as well as designing it, then you should commission someone to write your articles.

Make sure you commission them in writing with a description of what is required, and get them to sign it. Check the commission has a deadline date on it too, and enforce the deadline strictly.

If you want to include pictures in your fanzine, you'll be pleased to know that you don't have to have a scanner. If you simply create a box (with a border) as part of your document you can add pictures later.

Simply photocopy the pictures to size, using a half-tone screen which you can obtain from good stationers or graphics supplies shops. Then paste them in to the boxes you have left for them, and photocopy the result to produce your finished publication.



Before you write anything for a magazine, you should know what word count you are aiming for. Count the words in one column of text, using dummy copy, and use this as a basis for your calculations.

Europress

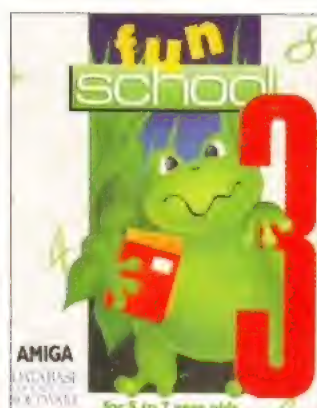
Europress Software is Britain's leading producer of educational & productivity programs for the Amiga.

Pictured here is the full range of packages currently available – home learning programs for under-fives upwards to the top-selling suite of home/business tools.

All designed to make the fullest use of the power of your Amiga.



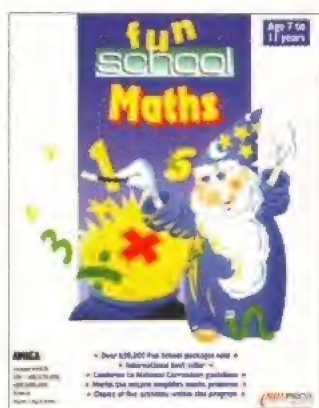
Fun School 3 (under 5)£19.99



Fun School 3 (5-7)£19.99



Fun School 3 (over 7's)£19.99



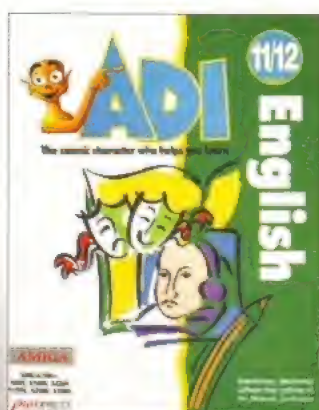
Fun School Maths£25.99



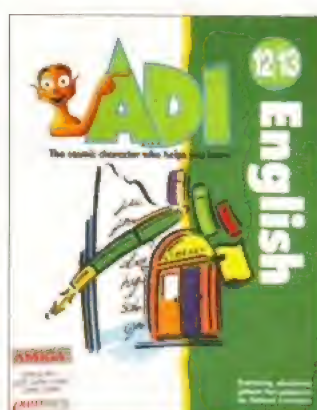
Fun School 4 Paint & Create£25.99



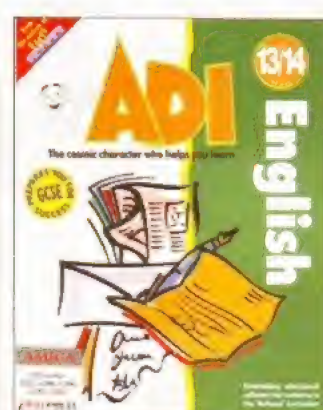
Fun School 4 Spelling£25.99



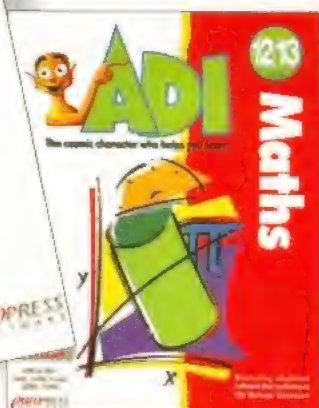
ADI English 11/12£25.99



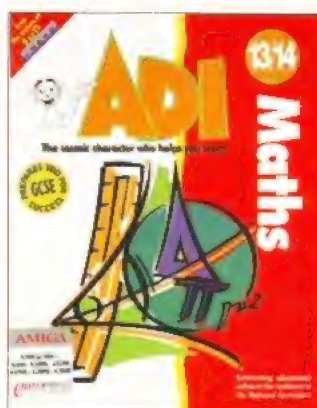
ADI English 12/13£25.99



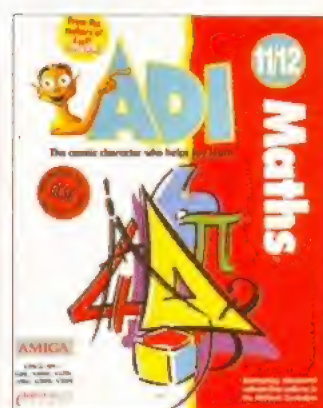
ADI English 13/14£25.99



ADI Maths 12/13£25.99



ADI Maths 13/14£25.99

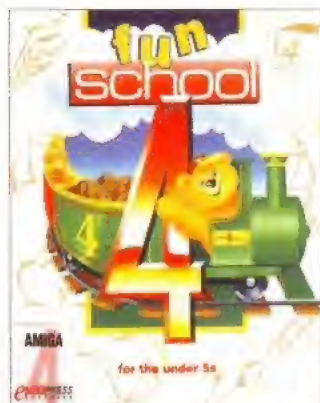


ADI Maths 11/12£25.99

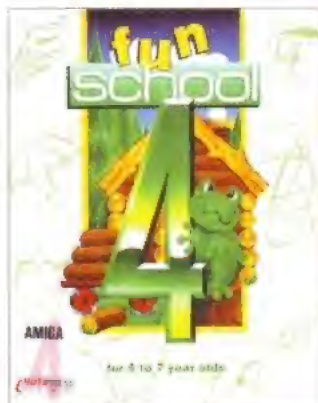


Mini Office£59.99

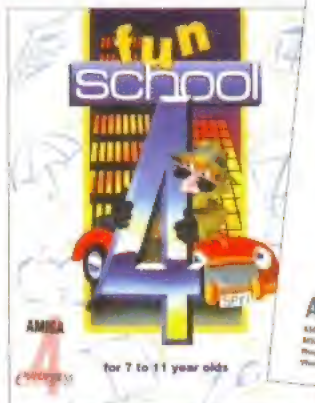
Amiga



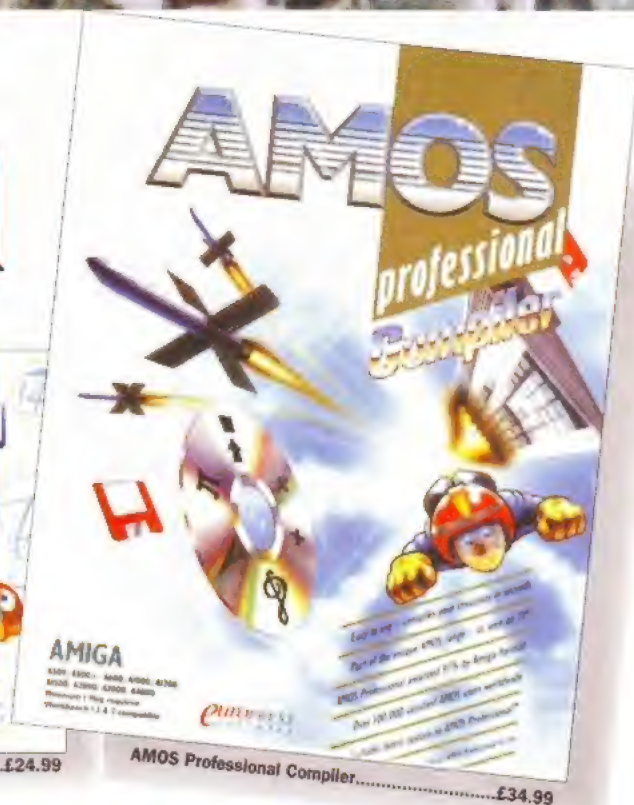
Fun School 4 (under 5)£24.99



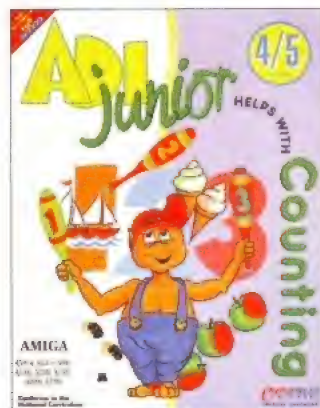
Fun School 4 (5-7)£24.99



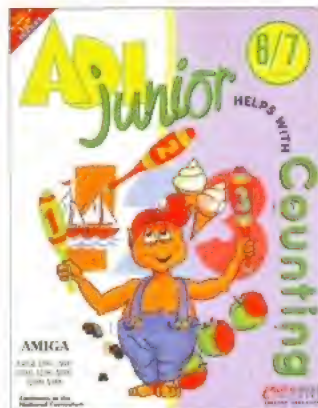
Fun School 4 (7-11)£24.99



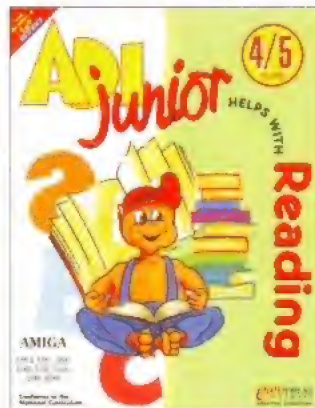
AMOS Professional Compiler£34.99



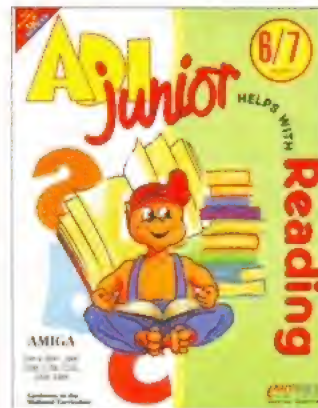
ADI Junior Counting 4-5£19.99



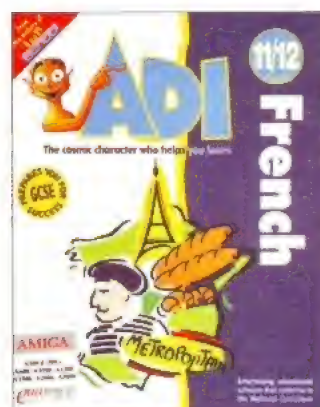
ADI Junior Counting 6-7£19.99



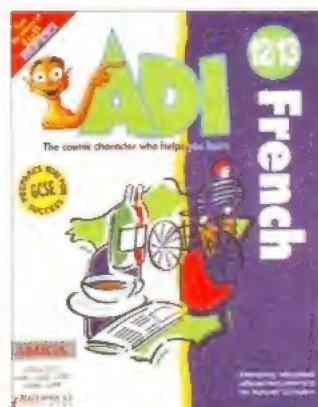
ADI Junior Reading 4/5£19.99



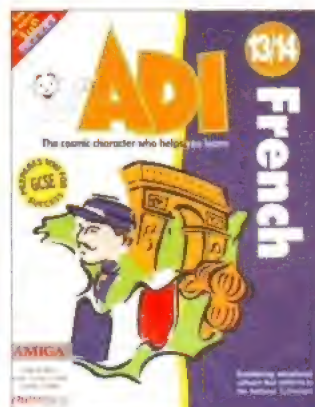
ADI Junior Reading 6-7£19.99



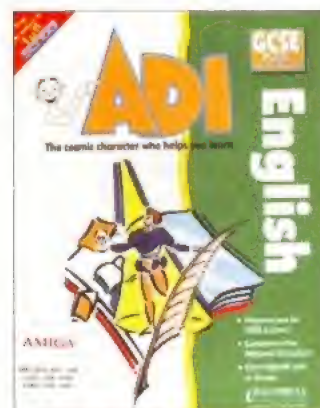
ADI French 11-12£25.99



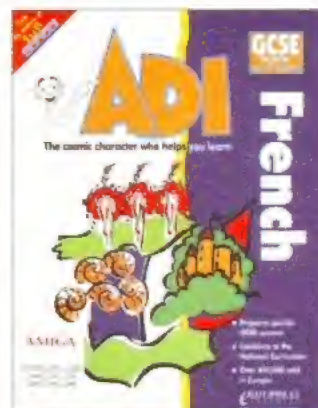
ADI French 12-13£28.99



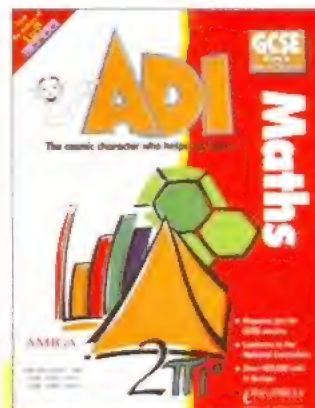
ADI French 13-14£25.99



ADI English GCSE£34.99



ADI French GCSE£34.99



ADI Maths GCSE£34.99

All our products are stocked by most major high street computer retailers, including Boots, WH Smiths, Beatties and Game. If you should experience difficulties obtaining the product you require, please call our customer service department on 01625 859333, or write to us at: Europsych Software, Freeport, Adlington Park, Macclesfield SK10 4BY.

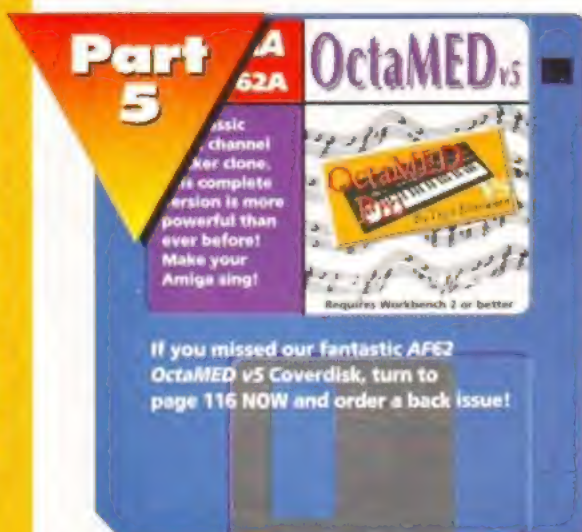
Please send further information on:

Name: _____

Address: _____

Tel: _____

DAFC/02



In his final *OctaMED* tutorial, Ed Wiles demystifies the complexities of the Synthsound Editor.

Synthetic sounds (or synthsounds) are a simpler, less memory-consuming alternative to samples, and heaven for those stalwarts addicted to squelchy C64-type sounds. Sadly, though, the sheer complexity of *OctaMED*'s Synthsound Editor is more than enough to put off all but the bravest.

Well, you're going to be particularly brave this month! But first, a word about switching octaves. As you know, just over two octaves are available on the Amiga's keyboard. But samples can use three octaves, and synthsounds five. So to get at the higher octaves, use keys F1 to F5. F1 sets the lower octave (keys Z to M) to octave number 1, the middle octave (Q to U) to number 2; F2 sets the lower octave to 2, the middle octave to 3; and so on for F3 to F5.

The current octave numbers are shown in a cycle gadget (such as upper screen, fourth row, far right). Now on with the show...

STEP 1

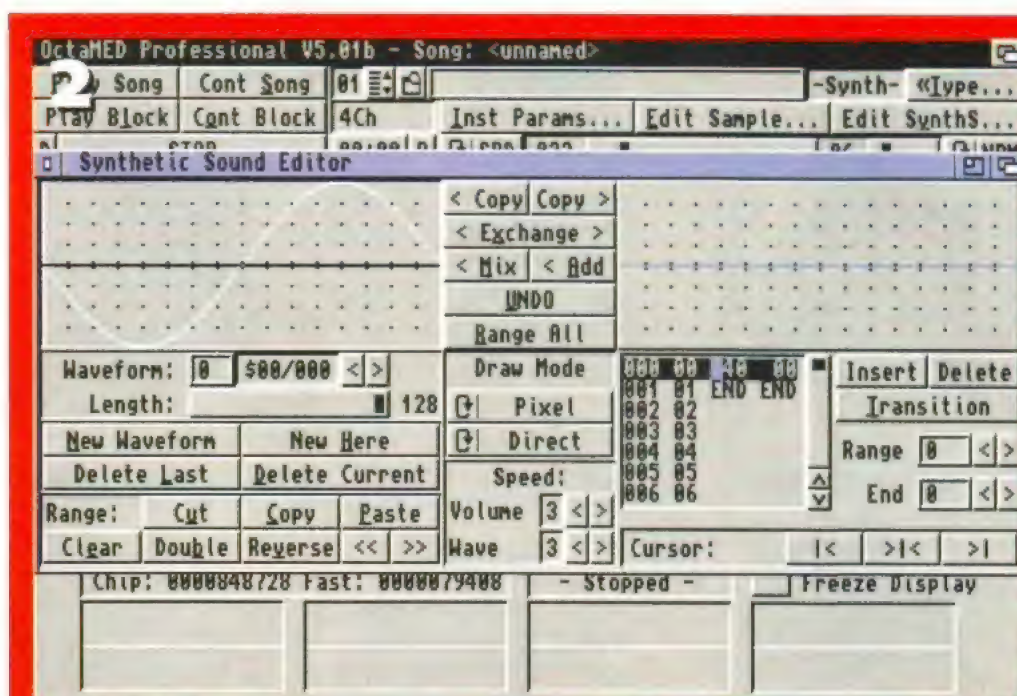
Click Edit SynthS (top-right). Now you see why everyone avoids it. But be strong, and kick off by selecting Project menu -> New Synthsound.

So just what does everything mean? Well, the two speckled boxes (both currently empty) are the waveform displays. The left-hand box is the real waveform, the other box is used as a copy buffer and a doodling area. Waveforms are just like blocks in a song: there can be more than one of them in a synthsound, and they can be strung together in any order using a playing sequence (the square area full of numbers). We'll stick to using just the one waveform for now.

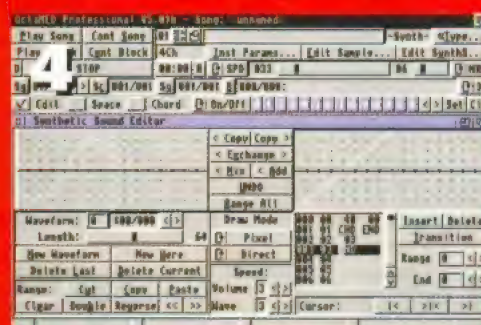
STEP 2

Click on the left-hand box, then fill it with a sine wave by selecting Presets menu -> Sine Wave. Set keyboard octaves 3 and 4 using the F3 key, then play the sound (use the space bar to stop it). Bit low? Halve the waveform's length by sliding the Length Slider from 128 to 64, then select Sine Wave again. The sound is now one octave higher.

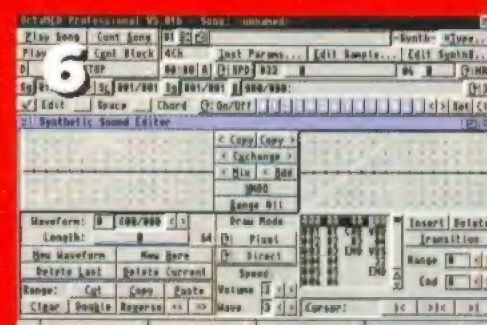
OctaMED



The synthsound editor: a PC programmer's dream and everyone else's nightmare. Until now, of course.



Just add one volume fade...



...and a pinch of vibrato. What do you think, Delilah?

Now, keeping the synthsound playing, select the other five presets in turn (using the Presets menu). Then reselect the sine wave.

STEP 3

Next we'll mix the sine wave with a ramp up wave. Copy the sine wave to the right-hand box using Copy > (top-middle): this sets the box's length to 64. Now click on the wave in the right-hand box, and select Presets menu -> Ramp Up. Finally, click < Mix and play the sound.

Right, time to embellish. The square area full of numbers is in fact home to a simple programming language, used to add volume changes, pitch slides, vibrato and much more to the synthsound. It sounds daunting, but fret not, it's actually pretty easy once you know the basics. As you'll notice, the program area displays four columns of numbers. The first two columns are line numbers (in decimal and hex), then we have the program instructions for volume and pitch respectively, each terminated by END.

The Volume Program's 40 instruction means set volume to 40 hex (64 decimal which is full volume). The Pitch Program's 00 means play

waveform number 0 (the first waveform). A Set Volume and Play Waveform instruction must be present in order to hear the synthsound. Other instructions consist of a three-letter abbreviation, usually followed by a number (always in hex).

For example, a CHD 03 instruction in the volume program means change the volume down (fade out) at speed 3. Let's add this instruction.

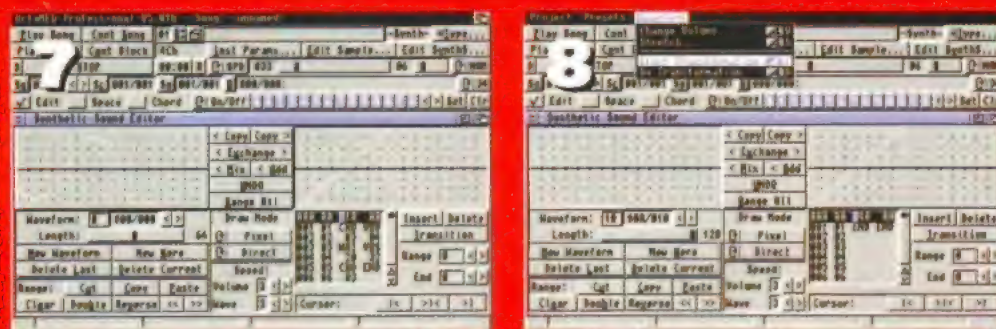
STEP 4

Firstly, switch on Edit Mode (you'll need to drag the window downwards to reach the main screen's Edit check box, or use Edit Mode's keyboard shortcut: the Esc key). Now click inside the window to activate it, and to insert a new entry at the end of the volume program, press <down> and Return. Press D to insert a CHD instruction, then change the 00 to 03 by pressing <right> and 3. Switch off Edit Mode, then play the sound using the keyboard. Notice the fade?

STEP 5

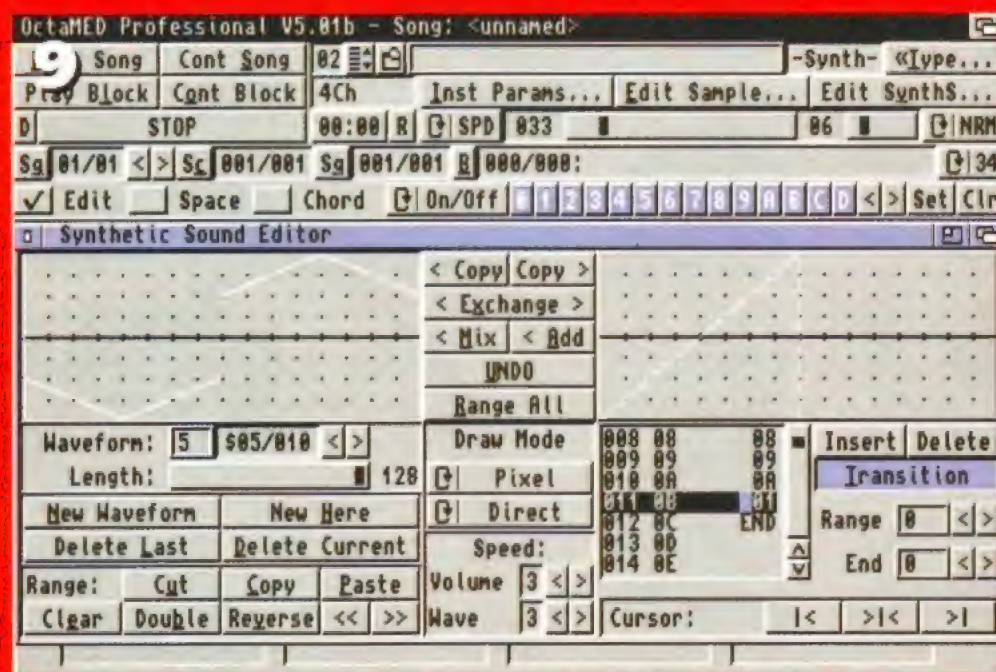
Next we'll add exactly the same instruction to the Pitch Program. Switch on Edit Mode, then move to the pitch program's END by pressing <up>

Tutorial



A cello? Yeah, right.

But when he ate a banana, a transformation occurred.



Transition, especially for us lazy people.

twice and <right> three times. As before, use Return D <right> 3 to add CHD 03. Now switch off Edit Mode and play the sound. So a CHD in the pitch program causes the pitch to be lowered rather than the volume.

STEP 6

Let's remove the Pitch Program's CHD 03 and add a vibrato instruction instead. Move to the CHD using <up> (twice), then press Del once. To set the vibrato depth to 4, we'll use the VBD 04 instruction. Press V, <right> and 4 to insert it. Now we'll use VBS 32 to set the vibrato speed to 32 hex (50 decimal). Press Return, Shift-V this time, and type 32. Finally, turn Edit Mode off as usual and play the sound. Sounds better already.

STEP 7

For the final touch, we'll change the volume program again. How about making the sound start softly, gradually louden to full volume, wait a moment, then fade away? This introduces the CHU (change up) and WAI (wait) instructions. Turn on Edit Mode, then use the <up>, <left> and 1 keys to change the 40 at the start of the volume

program to 10. This makes the sound start at quarter-volume.

Now move the cursor to the CHD (make sure the cursor is over the C), and press Return U <right> 3 to add CHU 03. Next, add a WAI 20 instruction using Return W 2. Now switch edit mode off and play the sound with your eyes closed... a violin? Cello? Try changing any of the numbers in the program (except the 00) to different values, and see what happens.

Now, we'll start a new synthsound. This one uses 11 different waveforms instead of one: a triangular wave in waveform number 0 slowly changes into a pulse wave by number 10. You'll see what I mean.

STEP 8

Select instrument 02 and choose Project menu -> New Synthsound. Click on the left-hand waveform box and select a triangular wave (Presets menu). Now keep clicking New Waveform (on the left) until the current waveform becomes number 10. In waveform 10, select a pulse wave,

Now the magic. Select Waveform menu -> Start Transformation to mark the start of the

OTHER SYNTHY FEATURES

You can mark a range just like in the Sample Editor (click the Pixel cyclegadget twice before dragging the mouse), or use Range All or the three Cursor buttons. The eight range buttons (bottom-left) should be self-explanatory (remember that the copy buffer is the right-hand waveform box): use Double with Range All to shift a waveform's pitch up an octave.

In the Waveform menu, use Change Volume as in the sample editor (50 halves the waveform's volume). Stretch is weird, haven't found a use for this one guys, but bear in mind that a positive number stretches right, negative stretches left. An interesting pitch program instruction - ARP (use the A key to enter) - creates an arpeggio (a rapid change between given pitches). Specify the pitches after the ARP instruction, then end with ARE (use the E key).

For example, the instruction ARP 00 04 07 ARE creates a major arpeggio (00 0307 creates a minor). As always, experiment!

change at waveform 10. Now use the < button just below the left-hand box to return to waveform 0. Finally, select Waveform menu -> Do Transformation. Nothing appears to have happened, but use the > button to display the other waveforms and notice that (hopefully) the triangular wave smoothly becomes the pulse wave.

Our lovely new waveforms won't play yet, though: the pitch program only contains a Play Waveform 0 instruction. We need to tell OctaMED to play waveforms 1 to 10 too, so we need to enter numbers 01 to 0A (hex) into the Pitch Program. How boring.

But wait! There's an easier way.

STEP 9

Move to the Pitch Program's END (remember to turn on Edit Mode), press Return, and change the new number 00 to 0A. Move back up to the 0A, and click Transition (on the right). Use <down> to confirm that all the intervening numbers have been added. Now we'll create another transition from 0A to 01. Move to the END, and add a number 01 (use Return). Move up to the 01 and click Transition again. Finally we need to jump back to line 00 at the end of the program, causing a repeat. So move the cursor over the E in END, press Return and J. Switch off Edit Mode and play the sound. Spooky...

Try changing how quickly the pitch program is executed using the Wave arrows (bottom-middle), and use Volume for the volume program.

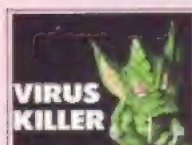
STEP 10

Finally, close the window and save the synthsounds if you wish, use Instrmenu -> Save Instrument, either format is fine since they're saved as neither.

HUNGRY FOR MORE?

Richard Bannister runs The Official Med Users Group, a group dedicated to supporting users of OctaMED. It produces a bi-monthly disk magazine called *TI*. Write to him at 6 Glevum Road, Swindon SN3 4AF. Kevan Craft's your man for MIDI advice. He can be reached at 12 Moulton Road, Runcorn WA7 2BH. And if you're really desperate, there's me! 9 Kirkland Wynd, Dumfries DG1 4ES (or phone 01387 65776).

EPIC SOFTWARE



A Virus killer is an essential purchase in these days where there are hundreds of Amiga viruses. Make sure your software collection is free from all known viruses.

£4.00

VIP4-2. VIRUS KILLERS



Workbench 3 is good but Commodore forgot to include a few things, like a virus killer, a decent Text editor, a few more datatypes, a tiny clock, a file copier, a decent disk copier, a hard disk menu system and a few other things.

Only £7.00

SCF7-3. STUFF COMMODORE FORGOT



Star Trek the game is a superb interactive action/strategy game where you take control of all key personnel on the bridge. Great stx & gfx.

Only £6.00

STG6-3. STAR TREK - THE GAME



Now the winter's here, it's a good reason not to have to do the garden - because you'll be too busy designing it.

Only £3.00

GRN3-1. 3D GARDEN DESIGNER



A two disk collection of various Scala background textures. Wood, paper, etc. Gives your Scala production a more professional finish.

Only £6.00

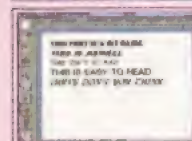
SCA6-2. SCALA BACKDROPS



Make your own hardware and save £££s. Sound samplers, memory expansions, Bridgeboards are all here. Includes complete diagrams.

Only £4.00

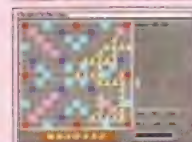
HWP4-2. HARDWARE PROJECTS 2



Forty top quality compugraphic fonts for use with WB2/3. Pagestream, Wordworth, D Paint 4 etc, etc.

Only £7.00

PSF7-3. COMPUGRAPHIC FONTS



Four all time classic board games. Scrabble, Cluedo, Snakes and Ladders, and Monopoly. Great fun for all the family.

All for only £10.00

BDG10-4. BOARD GAMES



This is the most powerful Amiga disk duplicator available. The manufacturers claim it will copy every Amiga disk known to man. Includes s/w & hardware.

Special Price £29.95

SXCP30-1. XCOPY PRO.



Fifty stunning AGA images in 256 colours, on 10 disks. All of which will blow your mind.

Only £15.00

GRL15-10. BATHING BABES AGA



News Maker allows you to create great looking documents. Try Desk Top Publishing for yourself and see just how brilliant it really is on the Amiga.

All for only £4.00

NRL4-1. NEWS MAKER



Features all you need to crunch, archive & decrunch any file or disk. Includes DMS the Disk masher, Powerpacker, LHA etc.

Only £5.00

CRM5-2. CRUNCH MANIA



Over 1000 Top Amiga game cheats on five disks. Includes all popular titles like: Monkey Island, Project X etc, etc.

Only £9.00

CHT9-5. 1000 GAME CHEATS



Over 70 top quality Imagine objects on five great disks. Subjects include: Vehicles, Animals, Star Trek and loads more miscellaneous objects.

Only £10.00

IOD10-5. IMAGINE OBJECTS 2



Hundreds of general knowledge questions. Subjects include: Sport, Films, Music, Science, Geography. Test your knowledge with this excellent Trivia game.

Only £5.00

QUZ5-2. QUIZ MASTER



Run PCAT software on your Amiga. Supports VGA on the A1200 or A4000. Works with your Hard Disk, Floppy Drive, Serial, Parallel & mouse ports. Runs Windows etc.

£89.95

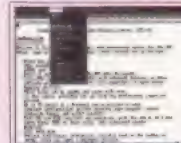
PCT90-1. PC TASK 3 AT



A superb three disk set of frustrating mind teasers. Over 10 brilliant Puzzle games. You'll be hooked in minutes.

Only £7.00

MTG7-3. MIND TEASERS!!



A complete Word Processing package. Features all standard options like: cut paste, tab, spell check etc. A very easy to use package.

Only £3.00

TXE3-1. WORD PROCESSING

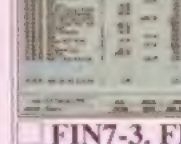
FREE!!!
FREE BOX OF TEN BLANK DISKS WITH EVERY ORDER OVER £25
Don't forget to ask for them



Create your own fascinating Random dot stereograms, very easy to use.

Only £3.00

RDS3-1. RDS Professional



Get your finances in order with this excellent package. Take a closer look at your bank accounts, find out where all your money goes every month.

Only £7.00

FIN7-3. FINANCE



A two disk set of extra backgrounds, Icons etc. for use with Magic Workbench. Requires KS2/3.

Only £5.00

MWE5-2. MAGIC WB EXTRAS



The most professional word search, crossword solver available on the Amiga. Includes a dictionary of over 58,000 words, and you can add your own.

Only £5.00

WFP5-2. WORD FINDER PRO.



If you're new to the Amiga, then you may be having problems with missing Libraries on your workbench that are needed to run particular software. Order this now and solve those problems.

£2.00

EFB2-1. ESSENTIAL FOR BEGINNERS



A selection of tools for degrading your A1200 down to a 500. Very easy to use, but extremely effective way of running old games etc.

Only £4.00

DEG4-2. A1200 DEGRADERS



A new set of 4 disks containing numerous printer tools. Includes: printer drivers, label maker, address programs, print manager, and other useful tools.

Only £7.00

PRT7-4. PRINTER TOOLS 2



Over 3,500 top quality Amiga icons for use in workbench. A bargain at just £5.00

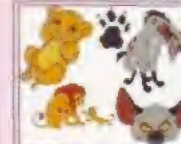
AIA5-4. ICON ARCHIVE



If you want to be a budding Ian Beale or Floyd then THE GOURMET COOK BOOK is a good way to get started, over 50 recipes included.

Only £3.00

GCB3-1. THE COOK BOOK



Over 150 stunning full colour Lion King clipart images for use in any Paint or Desk Top Publishing package.

All 3 disks only £7.00

LKA6-3. THE LION KING Clipart



Learning to type can be a difficult task, but not when you get a copy of our classic typing tutors. Includes three programs to help you learn to type.

Only £3.00

TYP3-1. TYPING TUTORS



Whether you want to link two Amigas together, or 2 PCs or Amiga to PC, then this package will suit you. Easy to install.

Only £8.00

COM8-3. NETWORKING



An essential purchase for all Hard Disk owners. Includes backup tools, file managers, virus tools and loads more.

Only £4.00

HDT4-2. HARD DISK TOOLS

Priority Order Form

Name
Address
Amiga model Payment
Credit Card No
Exp.

All clipart images are stored as IFF so they can be used in any Amiga DTP or paint package. Packs ITX 12-6 & HWP4-2 require some knowledge of LHA, which is supplied with these titles.
Kickstart 2/3 means you require an A500+, A800, A1200 or any machine fitted with Kickstart 2 or 3.
AGA means you will require either an A1200 or A4000 to use that particular title.

Order Value

Amount of Packs XXX10-5. PACK TITLE Individually priced	QTY
Other Items	= £
Total goods value	= £
Postage & Packing Please add a total of 50p for P&P in the UK.	Ship in the UK. = £
Amount enclosed	= £

ALL TITLES ADVERTISED ARE IN STOCK
READY FOR DESPATCH

Ordering by post
Simply send us a written order with a list of the disks you require, or simply tick the boxes of the titles you require, fill in your name and address, remove an photocopy (two pages) and send it along with full payment to: Epic Marketing, 138-139 Victoria Rd, Swindon, Wiltshire, SN1 3BU.
Collecting disks
PD disks can be collected same day, but if your order is quite large, please phone us a few hours previous to pick up.
Overseas Orders
Overseas orders are welcome, but please add £1.00 to each title ordered. & a minimum of 1 title apply.
Postage & Packing
Please add a total of 50p to your order if in the UK for floppy disk orders. Add £1.00 per CD in UK. Overseas please add £4.00 to each pack ordered for 1st class delivery and £2.00 per CDROM title ordered.
Compatibility
All titles advertised should work on any Amiga unless stated. AGA means that it only works on A1200/A4000. KS2/3 means that title requires an A500+/A800/A1200.
Ordering by phone
To place an order over the phone simply call any time between 9.30 & 5.30pm Monday to Saturday with your credit card details and the disks you would like to order. (Orders can usually be placed up to 6pm every evening.)

IMAGINE HINTS, TIPS & TUTORIALS

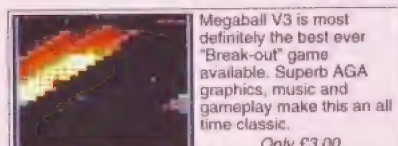
This 40-page book will give you hundreds of helpful hints & tips for Imagine users.
FREE COMPANION DISK
Containing Objects, Textures etc.
Only £7.95 + P&P

CD32 LINKUP

Connect your CD32 to your Amiga for easy transfer of ALL CD Rom discs. Complete with leads + CD Rom boot software.

■ CDL35-1. Only £34.95 + £1.00 P&P

Order hotline: 0793 490988 Fax: 514187



Megaball V3 is most definitely the best ever "Break-out" game available. Superb AGA graphics, music and gameplay make this an all time classic.

Only £3.00

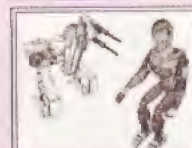
MGB3-1. MEGABALL AGA



Over 100 all time classic games including: Breakout, Pacman, Space Invaders, Snakes, loads of puzzle games and more.

Only £10.00

GG10-4. 101 GAMES



Features numerous Lightwave & Imagine objects of Robots and Robot related items. Requires min 2Mb RAM.

Only £3.00

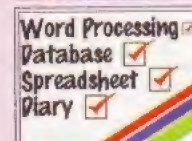
ILR3-1. ROBOT OBJECTS



A selection of superb girly pictures to place in the background of your Workbench.

Only £5.00

WGB5-2. WORKBENCH BACKDROPS



Whether you run a small business or just need to go compensated then this superb easy to use integrated package is what you want.

£7.00

IEC7-3. LITTLE OFFICE



This is the most impressive AGA demonstration available. If you want to impress someone, then this is what will do it. Features a brilliant Bjorg soundtrack.

Only £4.00

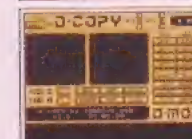
BTS4-2. BIG TIME SENSUALITY



Large range of Textures for use in Imagine. Render your objects in a variety of shades, colours and textures. Compatible with all Amigas.

Only £12.00

ITX12-7. IMAGINE TEXTURES



A compilation of very powerful disk copiers, make backups of your software collection with ease.

Only £5.00

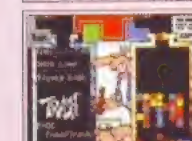
CPY5-2. DISK COPIERS



Seventy bitmap fonts for use in almost any package including Deluxe Paint. Also features a fantastic font editor for designing or customising your own fonts.

Only £7.00

FNT7-3. FONTS & EDITOR



Tetris is the most addictive game in the world, and that's a fact. This is a compilation of five of the best. Best graphics, best sound and best playability.

Only £9.00

TET9-5. TETRIS MAYHEM



Inside Engines is a compilation of in-depth animation sequences showing you the workings of all the most popular engine types.

Only £9.00

ENG9-5. INSIDE ENGINES



Hundreds of high quality professional clipart images. Subjects include: Transport, People, Computers, Xmas and loads more. A much wider scope.

Only £13.00

GFX13-10. PRO CLIPART



Play 100s of all time classic Spectrum games on your Amiga. Inc: Jet Set Willy, Attic Attack, Star Trek, Uridium and loads more.

Only £5.00

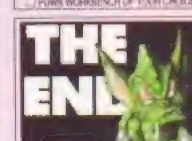
SPE5-3. SPECCY EMULATOR 2



A selection of printer drivers including all popular printers such as: Hewlett Packard, Star, Panasonic, Epson, IBM, OKI, Seikosha, Postscript etc.

Only £3.00

DRV3-1. PRINTER DRIVERS



Contains a selection of Video titlers, Video wipes & backdrops. Great for creating professional home movies. All you need.

Only £12.00

VID12-6. VIDEO STUFF



If you've just purchased your Amiga you may be a bit boggled how to use it properly. Well this five disk set takes you step by step through every basic thing to know.

£9.00

ABG9-5. BEGINNER'S GUIDE



A collection of Amiga card games including: Poker, Craps, Solitaire etc. Great fun for all the family.

Only £10.00

CRD10-4. CARD GAMES



Over 200 Workbench 2 or 3 utilities/tools, including: text editors, virus killers, disk editors, sound & graphic tools and loads more.

Only £3.00

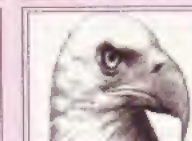
TTU3-1. 203 UTILITIES



A new collection of tools for WB 2/3 machines. Includes: virus killers, editors, sound tools, gfx tools, HD tools, and loads of other stuff. It'll take you ages to go through this lot.

£5.00

ATC5-2. POWERTOOLS



A range of clipart for use with PageSetter. Dozens of subjects including: People, Vehicles, Animals, Computers, Sport etc. etc.

Only £3.00

MPC3-1. PAGESETTER ART



The complete system analyser. Test your drives, memory, keyboard, mouse, expansions and all your custom chips etc.

Only £3.00

ENK3-1. ENGINEER'S KIT



Hundreds of high quality IFF samples, including: drums, guitars, bass, vocals and beats. Perfect for Music X, Med or any tracker clone.

Only £7.00

SAM7-5. IFF SAMPLES



Features 4 of time classics. New & old versions of Pacman, Space Invaders, Asteroids and Galaxians. Remember the good old days for now only £8.00.

ARC6-4. ARCADE CLASSICS

Features 4 of time classics. New & old versions of Pacman, Space Invaders, Asteroids and Galaxians. Remember the good old days for now only £8.00.



An essential tool for installing workbench on your new hard disk. Easy to use either on the A600 or A1200.

Only £7.00

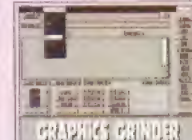
AHD7-2. HARD DISK INSTALLER



Organise your entertainment media with this set of cataloguing tools. Video, CD and disks are all catered for.

Only £5.00

CTG5-3. CATALOGERS



Convert graphics formats between PCX, GIFF, IFF, TIFF etc. Easy to use...

Only £5.00

GFC5-2. GFX CONVERTER



LPW5-1. LOTTERY WINNER PRO.

LOTTERY WINNER PROFESSIONAL can predict the National Lottery results with as little as only a couple of months back data. The more data you input the more accurate the results.

Only £5.00



Another great puzzle game for adults. A pint of the best, a packet of peanuts and a good game of Centrefold Squares. "What a life!"

Now Only £8.00

CFS8-1. CENTREFOLD SQUARES



Thousands of useful tools, demos, games and graphics. Imagine objects, and loads more.

Only £19.95

CDPD IV COLLECTION



Over 3,000 AGA pictures of beautiful ladies. Stunning images in up to 256 colours. Complete with powerful picture viewer.

Only £19.95

ADULT SENSATION CD



NEW! NEW! Features the Spectrum Emulator and over 500 all time classic Spectrum games on one CD ROM.

Only £19.95

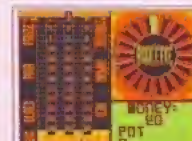
SPECCY SENSATION CD



Thousands of archived tools, including: patches, Dir tools, music, graphics, AGA tools, workbench tools. It'll take you months to sift through this lot.

Only £19.99

AMINET 4 CD ROM



If you like to have a little flutter then this is for you. Contains a number of brilliant gambling games. Includes Roulette, Craps, Fruit machine, etc.

Only £6.00

ABS6-4. BETTING SHOP



Play Poker with some of the most lovely ladies in the world. Great fun for all the family. NOT! Includes superb graphics and digitised speech.

Now Only £10.00

DSP10-1. DELUXE STRIP POKER 2



Whether you're a complete beginner at chess or a champion, JI CHESS has something for you. Superb graphics and speech make this a great software title.

Only £4.00

JIT4-1. CHESS & TUTOR



A new collection of 5 brilliant disks crammed with colour clipart images. Subjects include: Cats, dogs, plants, animals, comical, vehicles, ships etc.

Only £9.00

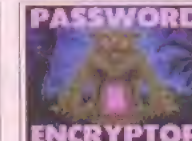
CCP9-5. COLOUR CLIPART SET



A collection of great fun educational games for children under 7. Maths, spelling, speed, etc. are all included in this excellent compilation.

Only £9.00

EDU9-4. EDUCATIONAL

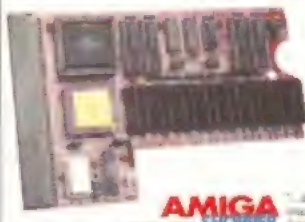


Stop other people from accessing your floppy or hard disks, by putting a customised password on your disk. Also contains file encryption tools.

Only £10.00

PSW10-4. PASSWORD

A1200 8Mb RAM EXPANSION



- Capacity for 2Mb, 4Mb or 8Mb RAM using standard 'ZIP' DRAM chips
- Increases the speed of your A1200 by up to 2.19 times
- Maths Co-Processor upgradeable
- PGA or PLCC FPU compatible
- Simple trapdoor installation
- On-board real time clock
- Includes RAM on/off switch

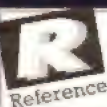
With 2Mb RAM installed£129.99
With 4Mb RAM installed£189.99
With 8Mb RAM installed£299.99

Partially populated units expand to full 8Mb with ZIP modules at £74.99 per 2Mb.

33MHz FPU£59.99
40MHz FPU£79.99
50MHz FPU£129.99

Unpopulated unit only
£59.99

AMIGA SHOPPER
October 1984



A500/A500+ 8Mb RAM UNIT

- RAM access LED
- RAM test/run switch
- Uses 1Mb 4-bit ZIPs
- Style matched to the A500
- Very low power consumption
- Throughport for further expansion
- Compatible with A570 CD-ROM drive and most SCSI Hard Drives (please call to check)
- Optional PSU (allows Amiga to power other devices)
- Available unpopulated, or fitted with 2Mb, 4Mb, or 8Mb RAM

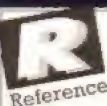


Unpopulated unit
£59.99

With 2Mb RAM installed£129.99
With 4Mb RAM installed£189.99
With 8Mb RAM installed£299.99

Partially populated units expand to full 8Mb with ZIP modules at £74.99 per 2Mb. • Optional PSU: £14.95

N.B. Any memory fitted to this unit is in addition to that on your machine already. For a maximum of 8Mb on the external unit.



A500/A500+ HARD DISKS

All the features
...without the price

- SCSI HARD DISK MECHANISMS for optimum performance, fast Access Time & Autoparking
- Includes SCSI THROUGHPORT at rear for further expansion
- COOL... by popular demand, we have fitted a Cooling Fan!
- GAME SWITCH allows Games to be loaded without disconnection
- High quality metal casing, colour and style matched to the Amiga 500
- Option for up to 4Mb additional easy RAM EXPANSION, using 'SIMMS'
- Compatible with Reference Add-On Hard Drive and Reference RAM unit
- Compatible with WorkBench 1.2/1.3/2.0 and 3.1, and KCS PC emulator
- Autoboot requires Kickstart 1.3 or above
- Compatible with external Syquest SCSI drives or external SCSI CD-ROM drives using WorkBench 3.1
- Includes 'HD Setup 3' (external SCSI low level format and partition utility) and 'MRBACKUP PRO' (backup utility)
- Includes its own DEDICATED PSU. CBM recommends against use of Hard Disks without independent power supply



40Mb model£169.99
100Mb model£199.99

2Mb RAM: ADD £70.50 4Mb RAM: ADD £141.00

AMIGA SHOPPER
March 1985
84%

"Very attractive indeed - you get a good deal for a decent drive."

Clearance bargain - 100Mb add-on SCSI Hard Disk (Piggy backs on to A590 or other SCSI hard disk)£179.00

A500 512k RAM UPGRADE

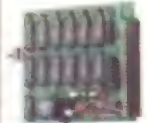
- CONVENIENT ON/OFF MEMORY SWITCH
- COMPACT, ULTRA-NEAT DESIGN
- AUTO-RECHARGING BATTERY BACKED REAL-TIME CLOCK



ONLY **£19.99**
Also without clock for only£16.99

1.5Mb RAM BOARD

- Fully populated board increases total RAM in A500 to 2Mb!
- Plugs into trap door area, & connects to 'GARY' chip
- Includes Battery-Backed Real-Time Clock



With 1.5Mb FASTRAM installed
ONLY **£73.99**

Unpopulated RAM board with clock - (takes 256k x 4-bit DRAM chips)£34.99

N.B. This expansion board requires Kickstart 1.3 to operate

MEGABOARD

CONNECTS TO YOUR 512k RAM UPGRADE TO GIVE 1.5Mb



With our MEGABOARD, you can further expand your A500's memory to a total of 2Mb without disposing of your existing 512k upgrade (must be 4 x RAM-chip type, or not exceeding 1cm in length). Not compatible with A500 plus.

ONLY **£47.99**

MEGABOARD needs Kickstart 1.3 to operate. Installation requires connection to the 'GARY' chip. Easy to follow instructions provided.

A500+ 1Mb UPGRADE

THE FASTEST AND EASIEST WAY TO UPGRADE YOUR A500+ TO 2Mb RAM!

- Simply Plugs into trap door expansion area
- Increases total RAM capacity to 2Mb 'ChipRAM'
- RAM On/Off Switch
- Compact unit size
- Only 8 low power RAM ICs
- High reliability
- Battery-Backed Real-Time Clock



ONLY **£42.99**

A600 1Mb RAM/CLOCK UPGRADE



UPGRADE YOUR A600 TO 2Mb WITH THIS SIMPLE PLUG-IN MEMORY UPGRADE!

ONLY **£48.99**

- Increases total RAM capacity of A600 to 2Mb 'ChipRAM'
- Simply Plugs into the A600's trap door expansion area
- RAM Enable/Disable Switch
- Battery-Backed Real-Time Clock

PRINTERS

Star SJ 144 Colour Thermal transfer printer£425.35
Hewlett-Packard Deskjet 320£217.38
Hewlett-Packard Deskjet 310/320 Colour upgrade kit£41.13
Hewlett-Packard Deskjet 520£257.33
Hewlett-Packard Deskjet 500C Colour£258.15

Limited Quantity: Hewlett-Packard Deskjet 550C Colour£370.13
Hewlett-Packard Deskjet 560C Colour£427.70
Canon BJ-10SX Inkjet Printer£172.73
Canon BJ-200 Inkjet Printer 360dpi, up to 240cps, 8 fonts, 80-sheet feeder, IBM and Epson emulation£233.83
Epson LX300 budget 10" carriage 9-pin£117.50

Evesham Micros

Winner of all Customer Service related categories in the 'PC Direct Hits Awards' for '93 & '94



ALL PRICES INCLUDE VAT. Government, Education and PLC orders welcome. All products covered by 12 Months Warranty.

MAIL ORDER DEPARTMENT

Monday-Friday, 9.00 - 7.00; Saturday, 9.00 - 5.30
Technical support (Mon-Fri, 10.00 - 5.00): 01386-769403

Dept. AMFO, Unit 9, St Richards Road, Evesham, Worcs WR11 6TD
Call us now on 01386-765500

Mail Order FAX: 01386-765354

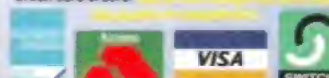
Same day despatch whenever possible. Delivery with all orders up to £175.00 value is charged at £4.11. All items above this value are shipped by insured Express Courier service at £7.64 per order - normally next working day after despatch (UK mainland only, others please call). Please allow 5 banking days for cheque clearance. Immediate clearance on Bank Drafts and Building Society cheques.

RETAIL SHOWROOMS

Normal Opening Times: Monday-Saturday, 9.00-5.30
Late Night Opening Until 7pm Wednesday-Friday

Evesham 01386-765500
Birmingham 0121-446 5050

Credit card orders:



All goods subject to availability. Details correct at time of going to press. Prices and specifications subject to change without notice. E & O.E.

3.5" FLOPPY DRIVES

External Floppy Drive

- Very quiet
- Slimline design
- Suits any Amiga
- Cooling vents
- Full 800k Formatted Capacity
- Stress, high quality metal casing
- Quality Citizen/Sony drive mechanism
- Long reach connection cable
- Enable/Disable switch
- Throughport facility for addition of further drives

Amazing low price!
ONLY **£45.99**

A500 Replacement Internal Floppy Drive Kit

Fully compatible with 1Mb unformatted capacity. Straightforward installation procedure. Kit includes full fitting instructions.
ONLY **£42.99**

HAND SCANNER

At a genuine 400dpi scanning resolution, this scanner produces truly superb quality scans. Has a full 105mm scanning width, variable brightness control and 100 / 200 / 300 / 400dpi resolution.

Supplied with Daatascan Professional Version 3 scanning and editing software, allows real-time scanning in either line art or in up to 64 simulated grey scales. Provides powerful editing features and excellent compatibility with most DTP and Paint Packages, eg. Deluxe Paint 4, Touch-Up.

ONLY **£99.99**

ZY-FI 2 SPEAKERS

THE NEW ZY-FI 2 ACTIVE POWER AMPLIFIED STEREO SPEAKERS OFFER THE VERY BEST IN SOUND REPRODUCTION.

Your Amiga produces fine quality hi-fi stereo sound. Enjoy quality stereo sound reproduction to the full with this new design twin speaker system! Incorporates a built-in amplifier with volume and tone controls. Magnetically shielded. Dimensions 133x132x130mm (HxWxD).

6 Watts RMS per channel

ONLY **£34.08**

ZY-FI 2 PRO SPEAKERS

EXPERIENCE NEW LEVELS OF AUDIO PERFORMANCE WITH THIS PROFESSIONAL TWIN SPEAKER SYSTEM.

With a PMPO of 60 Watts per channel and an amplifier with a true 18 Watts RMS per channel, these versatile speakers faithfully reproduce a rich expressive sound for the discerning Amiga user. They feature separate volume, bass and treble controls, and are magnetically shielded. Dimensions 233x142x148mm (HxWxD).

18 Watts RMS per channel

ONLY **£57.58**

C64 POWER SUPPLY

High quality replacement Power Supply Unit for the Commodore 64. £14.99

ROM SWITCHER

SWITCHING BETWEEN VERSIONS OF KICKSTART ON YOUR A500 OR A500+ IS EASY WITH OUR ROM SWITCHER!

You can improve software compatibility on your A500! By fitting our ROM switcher, you can alternate between the KickStart already resident and another version of Kickstart ROM chip, giving you the freedom of choice. Fitting is very simple indeed, and requires no soldering or special technical knowledge. Fitting allows two methods of switching, either by keyboard reset, or by an external toggle switch. N.B. Kickstart ROM not supplied. A500 Revision 5 boards will require circuit modification.



ONLY **£14.99**
KickStart 2.0 ROM supplied separately. £18.99

TRUEMOUSE

WE GUARANTEE that this is the smoothest, most responsive and accurate replacement mouse you can buy for the Amiga. Excellent performance, with a 300dpi resolution.

ONLY **£14.99**

TRACKBALL

High performance trackball, directly compatible with any Amiga. Plugs into mouse or joystick port. Super-smooth and accurate - you probably won't want to use a mouse again after using this Trackball! Full one-handed control. Top quality opto-mechanical design, giving high speed and accuracy every time. No driver software needed!



ONLY **£29.95**

A500 POWER SUPPLY

Genuine Commodore Amiga A500 type replacement Power Supply Unit. Good quality, 'switched mode' type. Super low price!

ONLY **£39.95**

Replacement Power Supply for A590 Hard Disk£49.95

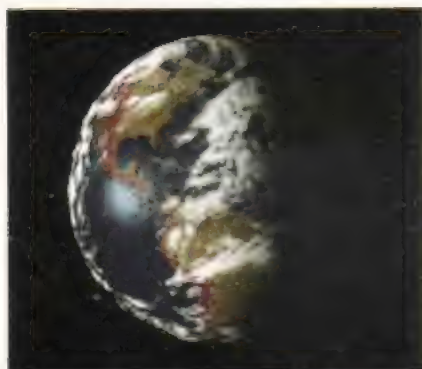
ACCESSORIES

Virus Protector fits to last drive in system, protecting all drives. £6.95
Amiga 500 Dust Cover£4.95
Amiga 600 Dust Cover£4.95

CLEARANCE BARGAINS

Trackball£20.00
Zy-Fi Amplified Stereo Speakers£19.00
AMOS 3D£5.00
ICD SCSI 2080£59.00
Star NL10 Epson interface£29.99
Star LC24-200C Colour printer£175.00
Citizen Swift 200 Colour printer£99.00
Epson LQ100 printer (new)£99.00
HP DeskJet 500 Colour inkjet printer£219.00
HP DeskJet 560 Colour inkjet printer£399.00

All items are clearance lines or shop soiled/second hand stock. All carry a full 12 months warranty. Please contact our Evesham Branch for these products



Erik Flom's gorgeous *Lightwave* object is called Earth 4000.

Every 3D user wants new models or textures for their collection. But, unless you are a member of the 24Bit Club, where can you find the vast amount of 3D material available? Answer, an Amiga 3D Bulletin Board.

The UK has a good number of 3D BBSs where *Imagine* and *Lightwave* users can download new material. We recommend **Activa International**: 0181 986 5964, **The Black Hole**: 0121 421 4835 and **Mostly Harmless**: 01705 614 824.

These boards operate a flexible upload/download ratio system, which means to get access to the items featured on this page, you might have to upload something if you do not already have an account with them. If you do not have anything to upload, all the BBSs offer unlimited download access for a small fee.

Rich people can contact the following international BBSs whose main support is for *Lightwave 3D*: **Grafix Attack**: 0103 110 474 1062; **Lightwaved 3D**: 0101 510 228 0886; **Obstacle Illusion**: 0101 616 791 2109; **Studio Amiga**: 0101 817-557-2111; **Media Zone**: 0101 305 821 0455

NEW ARRIVALS

Looking for a good Earthscene object for *Lightwave*? Erik Flom's impressive Earth 4000 was selected by Newtek for inclusion as a Toaster 4000 switcher effect and includes an installation script with instructions if you want to use the object commercially. (One disk by post, Elf4000.LHA by modem).

James Hasting-Trew has released a superb collection of organic trees for



This lovely organic tree is just one of the four different species available in a collection from the 24Bit Club.

These impressive futuristic towers are an asset to any 3D graphics collection.



More brilliant 3D models and textures from the 24Bit Club. Contact them on 0141 946 2191. (Address below.)

Imagine and *Lightwave*. This set has high and low resolution versions of four different trees. A combination of colour and transparency mapping and simple object framework for these true-colour image maps produce highly detailed foliage. Commercial use of these objects should be negotiated with the author. (Six disks by post, Treekit.LHA by modem.)

Club member, Alex Kewin has released a disk called *Lightwave Towers*. It contains two objects and a complete set of Bump, Colour, Luminosity and Specular maps, to give you amazing looking futuristic towers. (One disk by post, Towers.LHA by modem.)

Carmen Rizzolo is one of the most prolific supporters of *Imagine* and *OpalVision* and his latest release, *Part And Particles For OpalPaint*, has features such as circular, hexagonal, septagonal, octagonal, nonagonal or decagonal lens flares enabling you to create your own lenses. Particles can emanate from a dynamic (movable) co-ordinate in your animation, or from any side of the screen such as rain falling from the top of the screen. Particles can have

motion blur, they can wiggle horizontally and/or vertically and cast a shadow.

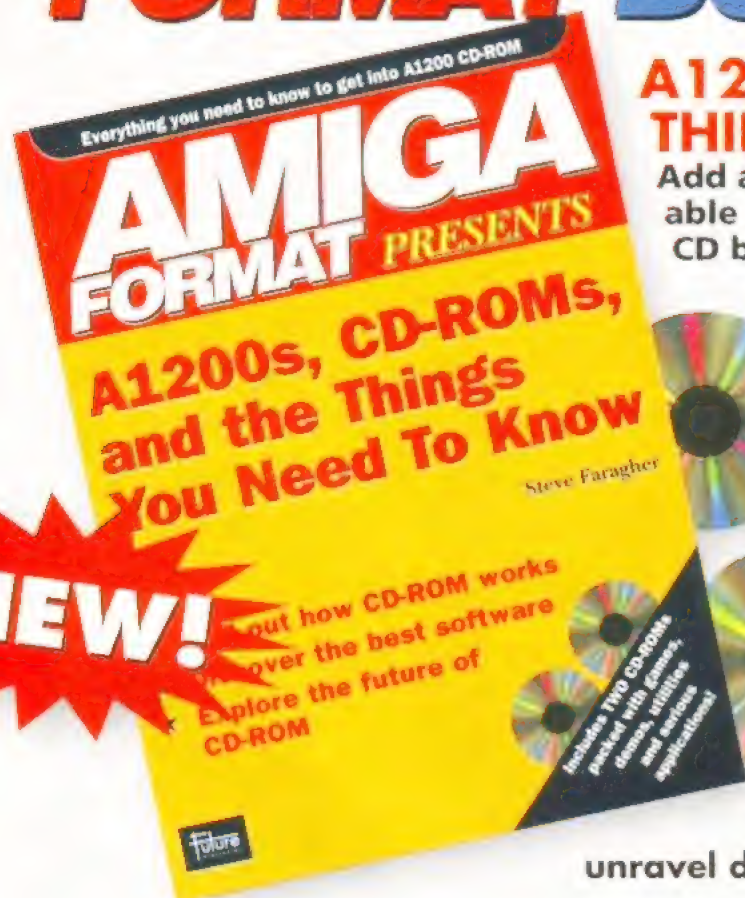
Part And Particle costs \$99 (approx £62), and can be ordered from Carmen on 0101 619 573 0285, or contact him via Internet at: CarmenR@cup.portal.com. He accepts credit cards. A sample animation of *Part And Particle* can be downloaded as: Particle.LHA, or send two disks plus return postage to the Club address.

Users of DPS' PAR will be pleased that we now have version 2.30 and a great utility called *ParPro* for use with your board and *ADPro*. *ParPro* takes existing PAR anims, processes them using *ADPro*'s effects and saves them back to the PAR drive. (On one disk by post, Parpro.LHA by modem.)

CONTACTS

Send all disks to: The 24Bit Club, 6 Skirsa Square, Glasgow G23 5DW. Tel: 0141 946 2191. Please note, we will not be held responsible for any media lost in the post.

AMIGA FORMAT BOOK OFFERS



A1200s, CD-ROMs, AND THE THINGS YOU NEED TO KNOW

Add a CD-ROM drive to your A1200 and you'll be able to access the ever-expanding range of Amiga CD based software and enjoy CD³², audio CD and CDTV compatibility.

This new book tells you everything that you'll need to know about CD-ROM, how it works, the ever expanding range of software that is available and future industry plans to exploit the full potential of this exciting new medium.

2 FREE CD-ROMs!

Included in the book are two FREE CD-ROMs packed with hundreds of megabytes of useful utilities along with demos of the latest games that utilise the full potential of CD-ROM.

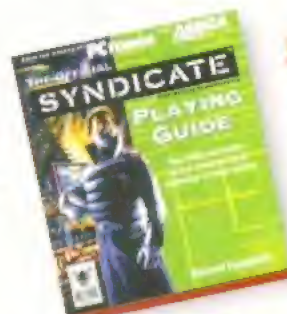
Includes a comprehensive glossary to help you unravel desktop video jargon and terminology.



AREXX

AREXX could be your Amiga's single most important asset.

It's a powerful programming language in its own right and it lets you create time-saving automated scripts for the increasing number of commercial programs that support it. In fact, AREXX is purpose built for multi-tasking operations, just like your Amiga!



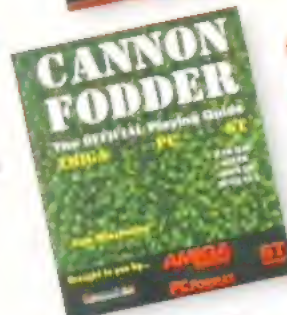
SYNDICATE PLAYING GUIDE

Find out how it's done with this *Syndicate Playing Guide*. You'll find full walk-through instructions and grabs of the key moments for all 50 missions of *Syndicate*. Now there's no excuse for losing!



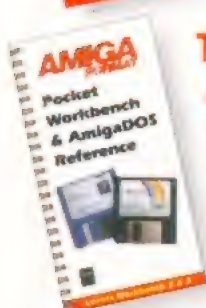
AMIGA DESKTOP VIDEO

The Amiga is the world's premier low-cost graphics workstation. But its basic power, built-in expandability and ever-widening range of quality software and add-ons mean it's capable of highly professional results. All it takes is the know-how... and all the know-how is right here!



CANON FODDER PLAYING GUIDE

Don't get killed! Find out how to beat the game with this new book. Inside its pages you'll find all the hints and tips that you'll need to survive and conquer in the *Cannon Fodder* war zone.



THE POCKET WORKBENCH & AMIGADOS REFERENCE

If you've just got your Amiga, Workbench and AmigaDOS can be confusing - unless you've got expert help on hand.

This handy pocket guide is spiral bound to lie flat while you use it and is designed as your Amiga's indispensable companion.

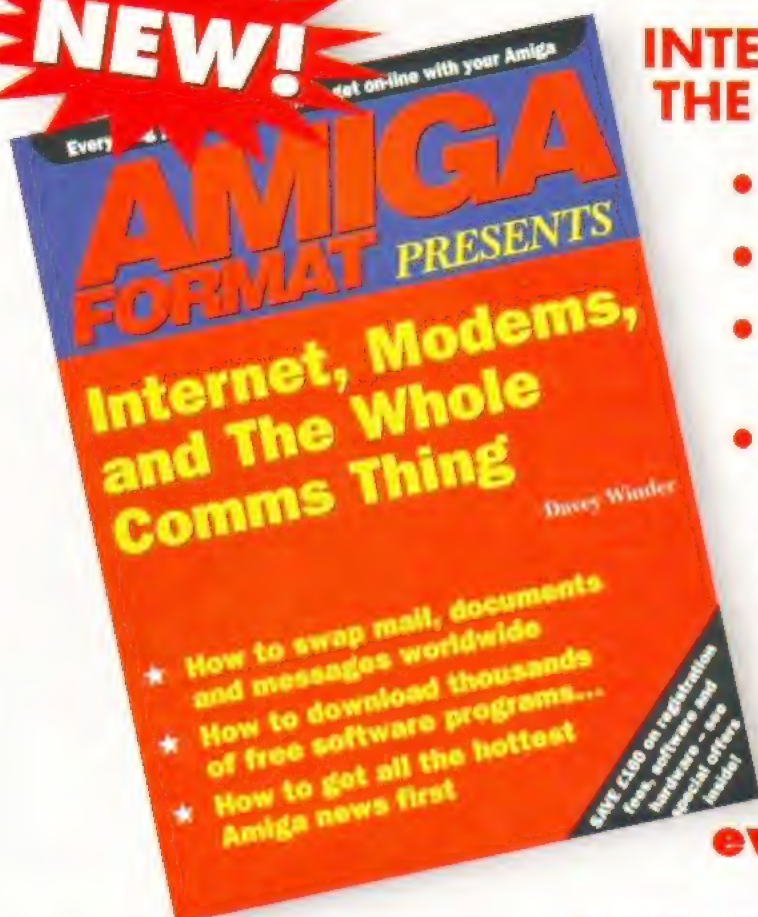


ULTIMATE AMOS

Explore the full potential of AMOS with easy-to-understand descriptions, diagrams and dozens of example AMOS routines. All you need to produce your own Amiga games is a smattering of BASIC knowledge, AMOS - and this 400 page book! It includes a disk with all the author's routines and four skeleton games.

NEW!

INTERNET, MODEMS AND THE WHOLE COMMS THING



- How to find your way around the Internet, Cix, CompuServe and other major networks.
- Bulletin boards: what are they, who runs them, what do they do and how are they run?
- You've got an Amiga and you've got a modem - now how do you make them talk to each other?
- Make new contacts, obtain technical support, download software, join special interest groups and much more!

SAVE £££s

Over £160 to be saved on network registration, software, hardware and on-line services - see the vouchers inside the book!

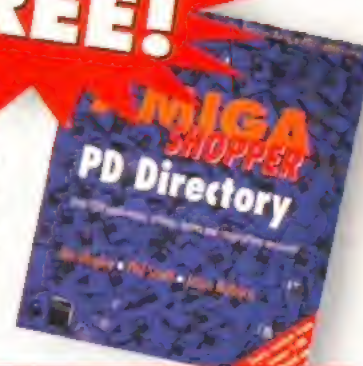
with every book order!

FREE!

AMIGA SHOPPER PD DIRECTORY

Worth £14.95, you'll receive a copy of this comprehensive PD directory FREE when you order any of the books featured in these Amiga Format Book Offer pages. Within its pages you'll find details of over 700 applications, utilities and programs for your Amiga.

This offer is open whilst stocks last and is limited to one copy per order.



CREDIT CARD HOTLINE - 01225 822511

Amiga Format Priority Order Form

Name

Address

Postcode Telephone

Signature

Amount enclosed £ (Make cheques payable to Future Publishing Ltd.)

Please send me (tick as appropriate):

- | | | |
|---|---------|---------|
| <input type="checkbox"/> Ultimate AMOS | FLB025A | £19.95 |
| <input type="checkbox"/> ARExx: Your Amiga's Built-In Turbocharger | FLB9052 | £17.95 |
| <input type="checkbox"/> Pocket Workbench & AmigaDOS Reference | FLB017A | £9.95 |
| <input type="checkbox"/> A1200s, CD-ROMs, & the Things You Need to Know | FLB5262 | £19.95 |
| <input type="checkbox"/> Internet, Modems, and the Whole Comms Thing | FLB122A | £19.95 |
| <input type="checkbox"/> The Official Cannon Fodder Playing Guide | FLB5254 | £9.95 |
| <input type="checkbox"/> Syndicate Playing Guide | FLB5157 | £14.95 |
| <input type="checkbox"/> Amiga Desktop Video | FLB084A | £19.95 |
| <input checked="" type="checkbox"/> Amiga Shopper PD Directory | FLB114A | £14.95* |

Method of payment (please tick one): VISA ☐ ACCESS ☐ CHEQUE ☐ POSTAL ORDER ☐

CARD NUMBER Expiry date:

Tick if you do not wish to receive direct mail from other companies ☐

*Free with every order whilst stocks last
All prices include postage and packing

Now send this form and your payment to: **Future Book Orders, Future Publishing Ltd, Freepost (BS4900), Somerton, Somerset TA11 6BR.**
You won't need a stamp when you post this order and postage and packing are free. There are no extra costs. Please allow 28 days for delivery. **AFMAG68**

AF
READERS' LETTERS
FEBRUARY 1995
144



Steve Jarrett - Editor

Mailbag

Send your letters to: Letters To The Editor, Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW.

RISCY BUSINESS

I noticed you drooling over the PowerMac (AF63) and was interested in particular by the comment: 'Just think what a RISC-based Amiga will be capable of'.

The fact is that the birth of a RISC-based Amiga will mean the death of everything we like about the Amiga: there will be no more one-disk operating systems; games on floppies will be next to impossible to find and there will be no compatibility with existing Amiga software. Everything will have to be piped through a software translator, or be re-compiled for the RISC chip - take a hard look at how few Mac or PC programs have been re-compiled for that wonderful PowerPC RISC processor (in a market a lot bigger than the Amiga's).

Oddly enough, you can get RISC performance out of an Amiga just by

using a Motorola 68060 (a hybrid chip which converts 68K CISC-code on-the-fly to feed its internal RISC engine), with no change to our favourite operating system or most application software; and this would allow R&D resources to remain focused on the AAA chipset, where they belong.

Keep in mind that the 68060 was designed for Apple to improve the Mac's computing performance without a new operating system, and has since been steered toward embedded applications, where tiny operating systems are a big advantage. Because these embedded applications demand faster, more agile processors to be programmed by self-admitted 68K nuts, Motorola will continue to develop exactly the sort of CPUs the Amiga needs, no matter where the PC world takes their particular lunacy.

Think about it: If your next Amiga is a RISC-based machine, you'll be looking at 8Mb of RAM just for system requirements. And do you really want to have to install Workbench 4.0 from a CD-ROM?

Mr Challeron,
London

I appreciate what you're saying, but if progress is to continue, you have to start somewhere. You are almost completely technically accurate, but the future of high-end applications on the Amiga does not lie in CISC technology any more. Motorola have abandoned the 68k series, primarily because for the increase in

production and design technology, they are not achieving a great deal more in performance. RISC chips are simpler to design, cheaper to manufacture and can result in greater performance. The downside of RISC is an increased memory overhead and more complex system software. I would be surprised if a 68060 accelerator for the Amiga did not appear in the next few months.

But to design a new machine (which will be a year in the making) around a chip set that is all but discontinued would be a little foolish. Also, I see no reason why the new machine shouldn't be a hybrid, including a 68020 (which are dirt cheap) for a full-back Amiga-native mode. The first RISC machines will be in the high-end league, so games compatibility is not immediately important. What could be very important is the ability to run software designed for RISC-based Macs and PCs.

Hopefully, in a couple of years' time, 8Mb of RAM will not be terribly expensive. I remember a 16k RAM Pack for a ZX-80 costing nearly £100 and that was only a little over 10 years ago. You should be pleased at the prospect of a base machine with 16Mb of RAM.

I'm afraid progress is not always painless and not always worthwhile, but it happens anyway.

WHAT'S MY BEST MOVE?

Soon our family is going to move house. I don't want to, so my parents said they will make it up to me by buying me an A1200. I'm writing to ask you what to buy (I want to use CD technology and FMV). Should I



The SX-1 is an excellent option for CD³² owners who want an A1200 and FMV.

get an A1200 with a 127Mb hard drive and a Zappo or Commodore CD drive, or a CD³² with an SX-1 expansion module, a 120Mb hard drive and a keyboard?

Bearing in mind that I do a lot of creative work (music, graphics and AMOS programming) as well as playing games, is there any way anybody will conjure up an FMV-compatible A1200 add-on, or will the A1800 have this option (or built-in FMV compatibility)? Please help an Amiga-crazed A500 owner longing for some speed to help me write you letters in PageSetter 2.

Andrew Bruce,
Chester, Cheshire

It depends on how much you want the FMV compatibility. I don't think you're going to see an FMV-compatible A1200 for some time - so the CD³²/SX-1 solution is your only answer.

But! I do think you're over estimating the worth of FMV. All it does is show pictures, and you can already do that from CD to a reasonable quality



Is a RISC-based A4000 really the way forward for the Amiga?

TO THE POINT...

I know the Zappo CD drive can run most CD³² software and Amiga CD-ROM programs but how can I save CD³² games?

Neville Hearn, West Sussex

The Zappo has a built-in library called non-volatile which can be used to re-route data destined for the flashRAM to any file on a floppy disk.

Could you mention in AF reviews whether CD³² software is compatible with the Zappo CD-ROM Drive, and possibly include a list of software for the CD³² that is already compatible.

R MacDonald, Warrington, Cheshire

Funnily enough, we have already instigated this very feature - turn to page 65 to see it in full flow.

After receiving my copy of *Imagine 3*, I was disappointed to find that the manual and Read Me files were so poorly written. Come on AF how about running more *Imagine* tutorials on how to use textures and understanding the manual.

Greg O'Connell, Liverpool

This is just one of the many letters I've received about *Imagine*. And you'll be happy to hear that we'll be having a new series of tutorials starting soon!

I'm thinking of buying the Canon ION still camera. I intend to transfer images via a digitiser on to a 3.5-inch floppy disk producing a slide show effect with music or basic sound effects. Is it possible? If so could you please tell me how and what I need to achieve it.

The PageSetter 2 Coverdisk (AF63) is brilliant! But it won't import anything from Wordworth - is

there any way around this? It's the spell checker I really miss. Perhaps there's a PD word processor with spell checker that you could recommend?

Bill Andrews, Northern Ireland

You certainly can take grabs directly from the Canon ION camera - buy any video digitiser that accepts a composite signal (99% of them do) and has an integral RGB splitter. We would recommend the ProGrab 24 (reviewed AF65, 92%) from Harwoods (01773 836781). As for the slideshow, why not use the AF67 AMOS Professional Coverdisk? It can load pictures and replay sound samples and music modules.

PageSetter 2 won't import Wordworth documents because the file formats are different. But you can use Wordworth to prepare raw text for PageSetter 2 documents. Simply save the text within your Wordworth document out to disk as an ASCII file and import it into a text box.

without the expense of the MPEG add-on. If you can live without FMV (and, let's face it, what are you going to do with it at the moment?) I think the A1200 and Zappo drive is the more elegant system.

A WORD FROM DOWN UNDER

Life here in Australia can be so hard at times. Amiga machines are not very popular down here – we brought ours over with us and it's difficult to get games – even PD games. We are months behind getting AF, and when we do all the competitions are out of date.

Could we have a special competition for Antipodeans who stay faithful to the Amiga in a country full of PC snobs?

I need a hard disk drive, if you're looking for ideas for a prize...

Mark Whitecross,
Onkaparinga Hills,
South Australia

The real problem is that if we did that the people who had entered in the UK would have to wait ages for the winners to be announced. Sorry, but we have to appeal to the majority.

And look on the bright side: at least you don't have to live in the UK where it rains every other day.

CONCISE, CLEAR AND PERTINENT

I'm an American and I'm also a prospective Amiga buyer who was impressed with the capabilities of his friends' wimpy A500.

1) How can you afford to give away such completely fabulous and expensive Coverdisks? Are they all company-sponsored promos, or factory leftovers? Some are great (*Imagine*, *G2*, *OctaMED*, *ClariSSA*), but unfortunately some back issues are sold out.

2) The A1200 is cheap, has up-to-date technology, and is very expandable – sounds like the A500, only five years on, so why doesn't every Amiga fan save up a bit and buy an A1200? It will catapult the average Workbench level to 3.0, boost the stability of the newly-owned Commodore, and improve the Amiga's reputation.



The amazing AF53 *Imagine* Coverdisk. Look out for more AF tutorials soon.

3) An A1200 with a 540Mb +50MHz Blizzard accelerator (with a 33MHz FPU and 4Mb RAM) and loads of free software costs less than an A4000/40 with a 250Mb hard drive (prices from AF62). So unless you're a movie producer with an extra \$2,000, why buy an A4000/40?

4) Finally, I love AF, but it costs £111 to subscribe (or \$200)! I could buy 2Mb RAM with that! I live in Hawaii, which is as far away from England as you can be and still be on dry land. Could you offer alternatives? Is AF cheaper in the US? Do you have a US relative you could recommend?

Brian Sturm,
Kaneohe, Hawaii, USA

1) The exact mechanism of how we organise our wonderful Coverdisks must, I'm afraid, remain a secret. But rest assured they're not going to stop for the foreseeable future!

2) I'm sure everyone who can afford it has already upgraded!

3) The A1200 isn't as expandable as the A4000 – the A4000 has four Zorro slots instead of one, and the A4000T has seven! But, yes, they're a bit pricey.

4) Sadly, the only way to get a genuine Amiga Format in the US is to subscribe. It's expensive, but it's worth it. And, like I said to Mark Whitecross of South Australia, I find it a little difficult feeling sorry for someone who lives in the blissfully tropical climate of Hawaii.

ASKING THE IMPOSSIBLE

Is there anyone who can put me on to a piece of hardware or software that can read IBM and Mac programs and convert them to Amiga style so that I can use them in my A500? It seems that there is little coming out in the games area for the Amiga but quite a lot for IBM.

Also, is there any way of doing a similar thing with games written for the A1200?

If I get a CD drive, can my extensive library of over 600 games be transferred to CD? Can back-ups be made of CDs? I have back-ups of all but two of my games.

It is obvious that the Amiga is alive and well in the UK but we need a lifeline because there are few new games coming this way.

P Hillebrand,
Sydney, Australia

Well, if there was a program that could make PC games run on an Amiga, the writer would make themselves a small fortune! Unfortunately, the code that sits on a Mac or PC disk is written with the processing capabilities of the Mac or PC in mind and simply will not run on an Amiga, even if you could read the disk (which you can with MS-DOS disks using CrossDOS).

You can already emulate Macintosh hardware with the Emplant hardware (Blittersoft – 01908 220196), and the

THE MAN AT THE TOP

Write to Commodore UK managing director David Pleasance c/o Amiga Format, 30 Monmouth St, Bath BA1 2BW.



AND NOW FOR THE GOOD NEWS

I would like to comment on the letter written to you by Anthony Gallagher in the November issue. Firstly, if the 'insignificant few' who support the Amiga are dwindling and turning to the PC why are several large companies fighting to buy Commodore? Even after months of bad news about Commodore and the Amiga's uncertain future, publishers are still developing games and utilities for what they know is a loyal band of users. These are people like me who bought the Amiga because it can do the same things as a PC but is much cheaper and doesn't require extra sound and graphics cards to run some games or applications. Although I am disappointed about the lack of an FMV CD drive for the A1200 I don't see myself as having been "shafted" by anybody at Commodore.

Graham Spratt, Beccles, Suffolk

Well, what a nice change to have such a positive letter to respond to, after what you aptly describe as months of bad news about Commodore. The computer and video games industry is going through a transitional period right now, for a number of good reasons. Firstly, it is certain that end users, just like you, want more. No longer are poorly animated stick-like characters with mindless object-collecting tasks to complete, satisfactory methods of stimulation. If you want a challenge, with the right level of realism, the 16-bit systems are capable of delivering this.

Secondly, MS-DOS PCs are, as a direct result of power-hungry software releases, increasing in price, reflecting the massive amount of RAM and higher powered chips necessary to provide an acceptable level of performance. The A1200 provides the best of both worlds, it is perfectly capable of running the best games and excels in productivity and multimedia applications. As far as FMV for A1200 is concerned, there have been some major developments in MPEG1 chip technology, and it is our intention, once our management buy out is completed, to re-evaluate the ability to provide this feature. I will keep you posted through these pages.

PC version was launched at the World Of Amiga show in December.

Similarly A1200 games use the Amiga's 32-bit architecture, and no amount of fiddling will get the game to run on an A500.

Backing up your software to CD can't really be done without some very expensive CD-writing equipment. So unless you have a couple of thousand pounds and lots of technical knowledge, that's a 'no'. Your best bet would be to upgrade to an A1200 – this would solve all your problems in one go!

MORE CDS, PLEASE

I am writing to you about the lack of cover CDs on Amiga magazines. The only ones that I notice are for the CD32. What about owners of A570s and CDTV? I have a CDTV Parnetted to my A1200 with which I use the PD collections on CD.

There are probably quite a few people like me who would like to see a cover CD each month because

without it these machines don't really have any support. You can't say not enough people own CD drives because you only have to pop into WH Smith and see that PC and Mac magazines all have cover CDs and I bet only a fraction of people who own these machines also have a CD-ROM drive.

Darren Noyce,
Stowmarket, Suffolk

At the moment, the ratio of floppy drive owners to CD-ROM drive owners is only about 20:1, and so a cover CD would be useless for about 95% of our readers. The ratio amongst Mac and PC users is much, much higher: almost every new Mac and PC now comes with a built-in CD-ROM drive.

However, we are constantly looking at CD and I don't think it will be long before we recognise the CD format – perhaps we'll have to do a split run of AF with a few thousand carrying CDs while the bulk carry floppies. Stay tuned!

AMIGA FORMAT SHOPS DIRECTORY

CONTACT DAVE MATTHEWS - 0225 442244 BOX ENTRIES £45 PLUS VAT

SOUTH EAST

Computer Cavern

23 Harris Arc, Off Friar St, Reading, Berks, RG1 1DN
Tel: 0628 891101

Computer Cavern

Capri House, 9 Dean St, Marlow, Bucks, SL7 3AA
Tel: 0628 891101

Computer Solutions

5 Chingford Mount Road, London, E4
Tel: 081 523 5566

Computer Solutions

38 Chingford Mount Road, London, E4 9AB
Tel: 081 523 5566

GMC Computers

14 Coggeshall Road, Braintree, Essex, CM7 6BY
Tel: 0376 553333

GMC Computers

65 North Street, Sudbury, Suffolk, CO10 6RE

SOFTWARE EMPORIUM
75 MAGDALEN ST, NORWICH NR3 1AA
TEL: 01603 633362
FOR ALL YOUR AMIGA NEEDS
CALL IN OR PHONE

GMC Computers

21 Gaol Lane, Sudbury, Suffolk, CO10 6JL
Tel: 087 374959

Hi-Tek

245 Broadway, Berleyheath, Kent, DA6 8DB
Tel: 081 303 4862

Mega Byte

103 Elners End Road, Beckenham, Kent, BF3 4SY
Tel: 081 676 8488

One Step Beyond

9/11 Bedford Street, Norwich, Norfolk, NR2 1AR
Tel: 0603 616373

SRS Micro Systems

94 The Parade, Watford, Herts, WD1 2AW
Tel: 0923 220558

SS Computers

Eastgate Shopping Centre, Basildon, Essex, SS14 1JJ
Tel: 0268 273273

Software Emporium

Magdalen Street, Norwich, Norfolk, NR3 1AA
Tel: 01603 633362

TORC Software

9 Wilton Par, Feltham High St, Feltham, TW13 4BU
Tel: 081 893 2100

Viking Computers

Ardney Rise, Catton Grove Rd, Norwich, NR3 3QH
Tel: 0603 425209

Game Zone

18-20 New Rents, High St, Ashford, Kent, TN24 0AB
Tel: 0233 663996

F1 Return

19 London Road, Lowestoft, Suffolk, NR32 1BA
Tel: 0502 512416

SOUTHWEST

Softsell Computers & Games

The Shopping Mall, Trowbridge, Wiltshire, BA14 2W
Tel: 0225 769331

Exmouth Computers

We stock a wide range
of games for all AMIGAS
We also sell Printers,
Monitors, Drives (Floppy & Hard)
Also have a good range of PC's
7/9 Exeter Road, Exmouth.
Tel: 01395 264593

Computer Plus

14 Scarrots Lane, Newport, Isle of Wight, PO30 1JD
Tel: 0983 821222

Computer Shop

4 Holland Walk, Barnstaple, Devon, EX31 1DW
Tel: 0271 78787

Computerbase

21 Market Ave, City Cent, Plymouth, Devon, PL1 1PG
Tel: 0752 668635

Exmouth Computers

7/9 Exeter Road, Exmouth, Devon, EX8 1PN
Tel: 0395 264593

Megabit Computers

46 Colwell Centre, School Street, Weymouth
Dorset, DT4 8NJ

Quantum Computers

2a Blenheim Road, Minehead, Somerset, TA24 5PY
Tel: 0643 703883

Total Computing

16 Station Rd, Parkstone, Poole, Dorset, BH14 8UB
Tel: 0202 717001

Ancies

Royal Parade, Plymouth, PL1 1DU
Tel: 0752 221851

RJ Computers

30 Westbourne Road, Downend, Bristol, BS16 6RX
Tel: 0272 566369

Hampshire Videocentre

Portsmouth Rd, Lowford, Southampton, SO3 8EQ
Tel: 0703 404773

HYTEK Computer Retails Ltd

52 Oreston Rd, Plymstock, Plymouth, Devon, PL9 7JU
Tel: 0752 484114

CENTRAL

Bits & Bytes

62c London Road, Oadby, Leicester, LE1C5, LE2 5DH
Tel: 0533 711911

Computability

35 Bethcar Street, Ebbw Vale, GWENT, NP3 6HW
Tel: 0495 301651

Computer Supercentres

15 David Street, Cardiff, South Glam, CF1 7DE
Tel: 0222 390286

Dragon Computers
AMIGA AND PC SOFTWARE
AND ACCESSORIES STOCKIST
Tel: 0352 750953
19 Chester Street, Mold, Clywd

Comtazia Ltd

204 High Street, Dudley, West Midlands, DY1 1QQ
Tel: 0384 239259

Comtazia Ltd

8 Mealcheapen St, Worcester, WR1 2DH
Tel: 0905 723777

Comtazia Ltd

4/6 The Arcade, Walsall, West Midlands, WS1 2RE
Tel: 0922 614346

Comtazia Ltd

171/177 High St, West Bromwich, W Midlands, B70 7RB
Tel: 021 580 0809

Comtazia Ltd

25, Beechwood Pl, 123 High St, Cheltenham, GL50 1DQ
Tel: 0384 261698

Comtazia Ltd

The Shopping Mall, Merry Hill Centre
Brierley Hill, West Midlands, DY5 1SB
Tel: 0384 261698

Fortiss Computers

138 Wood St, Earl Shilton, Leicester, Leics, LE9 7ND
Tel: 0455 850980

PC COMPUTER CAVE +AMIGA HOME & BUSINESS

Bits & Bytes, Unit 5 St Peters Lane,
Leicester LE1 4GH
TEL/FAX: 0533 513372 Open: Tues - Sat
9.30am - 4.45pm
24 HOUR HOTLINE: 0533 711911

Jet Computer Systems

13, The Market, Pentreban St, Caerphilly, CF8 1FU
Tel: 0222 880600

Kettering Computer Centre

15/17 High Street, Kettering, Northants, NN16 8ST
Tel: 0536 410070

Screen Scene

144 St Georges RdCheltenham, Gloucs, GL50 3EL
Tel: 0242 528979

Soft Centre

Cambrian Retail Centre, Newport, GWENT
Tel: 0633 222481

Soft Centre

30 The Parade, Cwmbran, GWENT
Tel: 0633 868131

Soft Centre

20 The Market Place, Blackwood, GWENT
Tel: 0495 229934

Soft-ly

5 Deer Walk, Cent Milton Keynes, Bucks, MK9 3AB
Tel: 0908 670620

T.M.J. Computer Software

39a Station Rd, Desborough, Northants, NN14 2RL
Tel: 0536 762713

Computer Mail

Unit 16 Downstairs, Harpur Centre, Bedford, MK40 1TP
Tel: 0234 218228

Get Real

31 High Street, Wootton Bassett, Wilts, SN4 7AF
Tel: 0793 848428

Mr Softee

39, Pembroke Cent, Swindon, SN2 2PQ
Tel: 0793 431193

NORTH

A18 Business Systems

9 St Martin's Cres, Scawby, Brigg, S Humbers, DN20 9BQ
Tel: 0652 651712

BDB Corporate Computers

BDB Cent, 94 Derby Rd, Farnworth, Widnes, WA8 9LQ
Tel: 051 495 1977

Bolton Computer Centre

148/150 Chorley Old Rd, Bolton, LANCs, BL0 3AT
Tel: 0204 31058

Chips Computers

9 Newport Rd, Middlesborough, Cleveland, TS1 3LE
Tel: 0642 252509

Chips Computers

Clarks Yard, Darlington, Co Durham, DL3 7QH

Chips Computers

Silvercourt Cent, Silver St, Stockton, Cleveland,
TS18 1SX

Chips Computers

7 Dundas Street, Redcar, Cleveland, TS10 3AD

Computatill Ltd

77/79 Chadderton Way, Oldham, OL9 6DH

Computer & Games Centre

33/34 St Nicholas Cliff, Scarborough, N Yorks, YO11 2ES

Computer Mania

The Balcony, Market Hall, Derby, DE1 2DP
Tel: 0332 292923

Computer Store

40 Trinity Street Arcade, Leeds, LS1 6QN
Tel: 0302 890000

G.C. Electronics
COMPUTER WORKSHOP
12 Newmarket St, Consett, County Durham
Tel: 01207 502249
★ Large stock of games all under £20
★ Repairs ★ Peripherals ★ PD
★ Great prices for Hard Drive installations

Computer Store

13 Westmoreland Street, Wakefield, WF1 1PN
Tel: 0302 890000

Computer Store

14 St Sampsons Square, York, YO1 2RR
Tel: 0302 890000

Computer Store

4 Market Place, Huddersfield, HD1 2AN
Tel: 0302 890000

Computer Store

34/36 Ivegate, Bradford, BD1 1SW Tel: 0302
890000

Computer Store

44 Market Street, Barnsley, S70 1SN
Tel: 0302 890000

Computer Store

5 Cole Street, Scunthorpe, DN15 6RA
Tel: 0302 890000

Computer Store

54 East Mall, Four Seasons Centre, Mansfield, NG18 1SX
Tel: 0302 890000

Computer Store

10 Square, The Woolshops, Halifax, HX1 1RU
Tel: 0302 890000

Computer Store (HO)

Units 13-15, Guildhall Industrial Estate
Kirk Sandall, Doncaster, South Yorks, DN3 1QR
Tel: 0302 890000

The Exchange

14 Church Road, Urmston, Manchester, M41 1BV
Tel: 061 747 4069

Format

Rink Shopping Centre, Swadlincote, Derbys, DE11 8JL
Tel: 0283 219224

Grantham Computer Centre

4 Kings Wk, Guildhall St, Grantham, Lincs, NG31 6NL
Tel: 0476 76994

Humberstone Computer Centre

49 Fieldhouse Rd, Humberston, Grimsby, DN36 4UJ
Tel: 0472 210601

Just Micro

22 Carver Street, Sheffield, South Yorks, S1 4FS
Tel: 0742 752732

Lanway Corp Business Systems Ltd

T/A Burnley Computer Centre
31-39 Manchester Rd, Burnley, Lancs, BB11 1HG
Tel: 0282 31108

Long Eaton Software Centre

Commerce Hse, West Gate, Long Eaton
Notts, NG10 1RG
Tel: 0602 72855/46

MCB Computing Group

24 Mill Lane, Buckley, Chwyd, CH7 3HB
Tel: 0244 544063

M6 Computers Ltd

340 Haydock Lne, Haydock, St Helens, Lancs, WA11 9UY
Tel: 0942 719122

Mansfield Computers & Electric

33 Albert Street, Mansfield, Notts, NG10 1EG
Tel: 0623 631202

North Notts Computer Centre

23 Outran St, Sutton In Ashfield, Notts, NG17 4BA
Tel: 0623 556686

Postbyte Computers

1-4 Great Northern House
Great Northern Ter, Lincoln, Lincolnshire, LN5 8HN
Tel: 0522 525321

Pudsey Computer Shop

161 Richardshaw Lane, Pudsey, Leeds, W Yorks,
LS28 6AA
Tel: 0532 360650

S.G.M. Electronics

54 Wigan Lane, Wigan, Greater Manchester, WN1 1XS
Tel: 0942 321435

Sapphire Software

81 Abergele Road, Colwyn Bay, Chwyd, LL29 7SA
Tel: 0492 534831

Software Superstores Ltd

11 Market Square Arc, Hanley, Stoke On Trent, ST1 1PD
Tel: 0272 268620

Software Superstores Ltd

6 Mealhouse Brow, Stockport, Greater Man, SK1 1JP
Tel: 061 480 2693

Software Superstores Ltd

27 Baldwin St, St Helens, Merseyside, WA10 2RS
Tel: 0744 27941

Software Superstores Ltd

The Courtyard, 5 Horsemarket St, Warrington, WA1 1XL
Tel: 0925 232047

Software Superstores Ltd

Unit 50 Golborne Gallery, The Galleries
Wigan, Greater Manchester, WN1 1AU
Tel: 0942 826956

Software Superstores Ltd (HO)

Unit 7a Oldham St, Hanley, Stoke On Trent, ST1 3EY
Tel: 0782 202250

TEC-NOL Ltd

249 New Rd Side, Horsforth, Leeds, Yorks, LS18 4DR
Tel: 0532 590020

Tim's Megastore

29/31 Sunderland St, Macclesfield, Ches, SK11 6JL
Tel: 0625 434118

Tomorrow's World

27/33 Paragon Street, Hull, Humberside, HU1 3NA
Tel: 0482 24887

VUDATA

44 St Petersgate, Stockport, Greater Man, SK1 2HL
Tel: 061 477 6739

VUDATA

203 Stanford St, Ashton-Under-Lyne, Lancs, OL6 7QB
Tel: 061 339 0326

SCOTLAND

Bits and Bytes

21b Commercial Street, Dundee, Tayside, DD1 3DD
Tel: 0382 22052

Computer Depot

205 Buchanan St, Glasgow, G1 2JZ

The Games Gallery

35 Barclay St, Stonehaven, Kincardineshire, AB3 2AX
Tel: 0569 764051

Moray Business and Computer Centre

20 Commerce Street, Bignor, Moray, IV30 1BS
Tel: 0343 552000

Holburn Software

111 Holburn Street, Aberdeen, AB1 6BQ
Tel: 0224

CALL US ON 01442 233393 CALL US ON 01442 233393

AMIGA SUPPLIES

AMIGA 1200



Superb Xtra Value Packs includes on site warranty, free software and mouse mat.

Race & Chase Innovations

No Hard Drive	£289	£329
85 Mb Hard Drive	£422	£462
127Mb Hard Drive	£439	£479
250Mb Hard Drive	£469	£509
340Mb Hard Drive	£499	£539
540Mb Hard Drive	£539	£579

(waiting list for A1200)

HARD DRIVES

All our Hard Drives are preformatted and partitioned, complete with cable, fitting instructions and setup software.

20 Mb Hard Drive	£69
40 Mb Hard Drive	£99
60 Mb Hard Drive	£109
85 Mb Hard Drive	£116
127 Mb Hard Drive	£123
250 Mb Hard Drive	£149
340 Mb Hard Drive	£179
540 Mb Hard Drive	£199
1 Gig Hard Drive	£399

Fitting service includes UK wide door to door courier collection and delivery
only £15

2.5" Cable only £10
3.5"-2.5" Cable only £19
Setup Software only £6

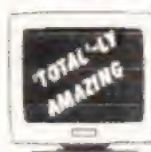
A1200 MEMORY Hawk Range

Maximise the power of your A1200 and be ready to fulfil the full potential of the new generation of powerful software. Supports up to 8Mb of FAST RAM and the powerful 68882 Co Processor. With battery backed clock/calendar facility. Simply plugs in trap door.

Hawk 1 Mb/no FPU	£96
Hawk 2 Mb/no FPU	£136
Hawk 4 Mb/no FPU	£194
Hawk 8 Mb/no FPU	£374

Fast 68882 Co Processors
20MHz £24
33MHz £59
40MHz £79
50MHz £119

MONITORS



Philips 8833 Mk II £209
Philips Mtr TV Scart £189
(NEW WHITE CASING)
Multi Sync High Res
Microvitec 1438 £284
with Stereo Sound

MULTI-SYNC COLOUR 0.28 PITCH MONITORS
14" Professionally refurbished. With stereo will display ALL Amiga graphics modes.
£194

MODEMS

NEW V32
TELE 19.200
£84.111

All modems are complete with Amiga and PC communication software, cables 2 year warranty and FAX capability.

Faxlink 2400 / 9600 Fax bps	£69
Faxlink 14.4k bps [V32bis/MNP1-5 etc]	£129
Faxlink 19.2k bps [V32 terbo/MNP 1-5 etc]	£199

INTERNET THE COMPLETE REFERENCE

The most comprehensive guide available includes more than 730 resources plus 1 MONTH FREE ACCESS to the INTERNET only.
£23.95

A1200 CD-ROM

CD32/Kodak compatible
Plugs into PCMCIA port
Dual Speed
Reads CD32 PC (ISO9660)
Audio and Mac (HFS) CDs



COMPACT disc ONLY
DIGITAL AUDIO £189

FLOPPY DRIVES

A500/A1200 High Quality External Drive	£54
A500 Internal Replacement Floppy Drive	£36
A1200 Internal Replacement Floppy Drive	£42

POWER PACKS

More powerful than the original

A500	£39	CD32	£42
A1200	£39	A590	£42
A600	£39	GVP	£42

MEMORY

A500 0.5 Meg	£12	A600 1 Meg	£34
A500 0.5 Meg + Clock	£14	A600 1 Meg + Clock	£39
A500 1.5 Meg	£79	PCMCIA 2 Meg	£108
A500 plus 1 Meg	£29	PCMCIA 4 Meg	£158

SPECIAL OFFER A500 2 Mb ChipMemory only £124

1Mb Simm A4000	£27	1Mb by 8/9 Simm	£34
2Mb Simm A4000	£69	1Mb by 4 ZIPS	£19
4Mb Simm A4000	£128	256K by 4 DIL	£5
8Mb Simm A4000	£259		

SPECIAL OFFER A1200 Clock/Calendar only £17

WORKSTATIONS

Converts your Amiga into a professional work centre. Allows your Monitor/TV/External Drives/Midi Interface/Genlocks etc to sit above your Amiga saving desk space, in a similar fashion to IBM PC's **A500 £29 A600 £26 A1200 £29**

SCANNERS



Power Scanner V4	£116
Power Scanner V4 + OCR	£136
Power Colour V4	£236
Flat Bed Scanners	£POA

SPARES



Hi Resolution Denise 8373	£18
8372 Fat Agnus	£39
Gary Chip DIL	£17
Paula Chip DIL	£19
A500 Modulator	£35
RF TV Lead	£4
Mouse	£14
A1200/4000/600 chips	£call
Keyboard replacements & parts	£call

Full range of leads also available

WORKBENCH & ROM SWAPPERS

2-04 KickStart Chip	£19
1-3 KickStart Chip	£19
Automatic KickStart Switcher	£18
2-04 KickStart + Automatic Switcher	£35
1-3 KickStart + Automatic Switcher	£35
WorkBench Manuals + Disks	£49

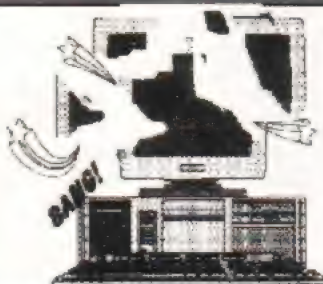
Complete Kit includes 2-04 KickStart + Workbench Manuals + Disks
£65

CONSUMABLES

Total Branded DD Disks (10 off)	£ 3
Quality unbranded DD Disks (50 off)	£15
Disk Box 50 Capacity	£ 4
Disk Box 100 Capacity	£ 5
Disk Box 200 Capacity	£10
Mouse Mat	£ 2
Printer Paper (500 cut sheets, laser quality)	£ 5
Printer Paper (2000 sheet tractor feed)	£18
Dust Covers A600/500/1200/Monitors	£ 5

REPAIRS

A500 fully inclusive at only	£39.95*
A1200/600/2-4000	from £15.00
Archimedes (all)	from £15.00
Monitors/Printers (all)	from £15.00
PC's (all makes)	from £25.00
SEGA/Nintendo	from £10.00
Atari ST/E/MEGA	fixed price £44.95*
Atari Falcon/Jaguar	from £15.00



*We reserve the right to reject repairs, full charge applies. Fixed price repairs exclude complete drive/keyboard replacements

REPAIRS

A Total service from the professionals

- 1) Courier Collection UK Wide available at only £7.50
- 2) All Repairs guaranteed for 90 days.
- 3) Fully Trained Technicians.
- 4) Professional Internal/External Valet only £9.00
- 5) Courier Return Delivery only £5.00
- 6) Professional Maintenance Contracts available.

Call Now on 01442 233393

01442 233393
(4 LINES)



All prices include VAT
Educational Discounts available
Cheques should carry guarantee number on reverse
No charge for normal delivery

TOTAL COMPUTER SUPPLIES
123 MARLOWES
HEMEL HEMPSTEAD
HERTFORDSHIRE
HP1 1BB

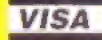
All trade marks acknowledged. Allow 28 days. 1 year warranty E & OE



TEL: 01908 277177
FAX: 01908 645397

TEL: 01908 277177
FAX: 01908 645397

VISA



AMIGA	PRICE	AMIGA	PRICE	AMIGA	PRICE	AMIGA	PRICE
A-Train & Construction Set	£10.99	Guardian (1990)	£29.99	Populous/Sim City	£16.99	When 2 Worlds War	£19.99
Addiction	£19.99	Gunship 1990	£32.99	Power Drive	£19.99	Wild Cup Soccer	£18.99
Akira	£18.99	Hansa Barbara Animation	£29.99	Premier Manager 3	£16.99	Wing Commander	£9.99
Aladdin (1990)	£19.99	Hannibal	£18.99	Puffy Squad	£19.99	Winter Olympics	£20.99
Alfred Chicken	£9.99	Harpoon	£19.99	Quest for Glory 1	£12.99	World Cup USA 94	£17.99
Allen Breed 1 - Tower Assault	£16.99	Heimdall 1	£25.99	Quest for Glory 2	£19.99	WWF Wrestling 1	£8.99
Allen Breed 2 (1990)	£18.99	Hero Quest 2 Legacy	£16.99	Realms of Darkness	£16.99	Xmas Lemmings '94	£9.99
Allen Breed Special Edition	£9.99	Hired Guns	£22.99	Rise of the Robots (1990)	£25.99	Zool 2 (1990)	£9.99
Allen Olympics	£19.99	Impossible Mission (1990)	£19.99	Robinson's Requiem	£21.99		
All New Lemmings	£19.99	Impossible Mission (600)	£19.99	Ruff 'n' Tumble	£16.99	SPECIALS	PRICE
All Terrain Editor	£16.99	Indiana Jones Lurt Crusade	£16.99	Rugby League	£16.99	Chaos Engine (AS00/600)	£9.99
Apocalypse	£13.99	Indianapolis 500	£8.99	Rugby League Coach	£16.99	Disk	£2.99
Arabian Knights	£6.99	Innocent	£25.99	Ryder Cup (1990)	£16.99	Federation of Free Traders	£3.99
Arcade Pool	£6.99	Int-edition Sensible Soccer	£19.99	S.U.B.	£19.99	Jimmy Whites (bundle)	£7.99
Armour Goddon 2	£19.99	Isher 3	£21.99	Second Samurai	£19.99	Lemmings 2	£12.99
Award Winners 3	£16.99	Italia Data Disk	£10.99	Sensible Golf	£9.99	Nick Faldo (AS00/600)	£9.99
Bananas (A1990)	£16.99	John Madden Football	£9.99	Sensible Soccer 95/93	£19.99	Nigel Mansell Grand Prix	£9.99
Beneath Steel Sky	£19.99	Jungle Strike	£16.99	Sensible World of Soccer	£19.99	Premier Manager	£7.99
Beneath Steel Sky	£17.99	Jungle Strike (1990)	£18.99	Sethen/Chaos Engine/Terminal 1/Cannae Fodder	£22.99	Premier Manager 2	£9.99
Big Sea	£18.99	Jurassic Park	£16.99	Shaq Fu	£16.99	Quadrail	£4.99
Body Blows	£9.99	Jurassic Park (1990)	£16.99	Subwar 1950 (1990)	£22.99	Soccer Kid	£9.99
Body Blows (1990)	£9.99	K200	£17.99	Silent Service 2 (1 meg)	£11.99	Syndicate (500/600)	£9.99
Body Blows Galactic	£17.49	Kick Off 3	£16.99	Sim Ant	£2.99	Titus the Fox	£7.99
Body Blows Galactic (1990)	£16.99	Kick Off 3 (1990)	£16.99	Sim North	£2.99	Warriors of Raylene	£7.99
Breach 3	£22.99	Kid Chaos	£16.99	Sim City 1990	£23.99	Zool	£7.99
Brian the Lion	£15.99	Kingdom of Germany	£19.99	Sim City Deluxe	£19.99	Zool 2	£7.99
Brutal Sports Football	£9.99	Kingsmaker	£22.99	Sim City/Lemmings	£19.99		
Bubba 'n' Stix	£16.99	Kings Quest 1	£19.99	Sim Classics (3 in one pack)	£19.99	UTILITIES	PRICE
Cannon Fodder	£16.99	Kings Quest 2	£19.99	Sim Life	£8.99	50 Blank Disks	£11.00
Cannon Fodder 2	£16.99	Kings Quest 3	£19.99	Simon the Sorcerer	£22.99	50 Blank Disks	£11.00
Champ. Manager	£19.99	Kings Quest 4	£22.99	Simon the Sorcerer (1990)	£22.99	100 Blank Disks	£30.00
Champ Manager 93	£16.99	Kings Quest 4 (1990)	£16.99	Skeleton Crew (1990)	£22.99	350 Blank Disks	£70.00
Champ Manager - End of Season	£12.99	Kid Vicious	£16.99	Skid Marks	£12.99	Amos 3D	£20.99
Champ Manager Italia	£16.99	Lamborghini	£16.99	Skid Marks Upgrade	£12.99	Amos Compiler	£19.99
Champ Manager 94 Season	£7.99	Legacy of Soreail	£16.99	Soccer Kid (1990)	£19.99	Amos Easy	£29.99
Civilisation (1 Meg)	£25.99	Lion King (1990)	£19.99	Soccer Star World Cup	£16.99	Amos Professional	£31.99
Civilisation (1990)	£18.99	Lords of Power	£25.99	Sorcerer (1990)	£25.99	Amos Professional Compiler	£24.99
Classic Collection Lucas	£19.99	Lords of the Realm	£22.99	Spelling Power	£16.99	Deltane Paint 4 (1 meg)	£22.99
Classic Collection Down	£19.99	Lotus Trilogy	£11.99	Spelling Power	£9.99	Deltane Paint 4 (AGA)	£40.40
Club Football	£19.99	Lure of the Temptress	£12.99	Stardust Special Edition	£9.99	Deltane Paint 5	£29.99
Combat Classics 2	£21.99	Magic Boy	£16.99	Star Trek 25th Anniversary	£22.99	Disk Box 100 Cap	£7.99
D Day	£21.99	Magicians Castle	£19.99	Streetfighter 2	£9.99	Windwards 3	£19.99
D-Generation	£10.99	Man Hat From Champs	£18.99	Strike Squad	£22.99	Mini Office	£36.99
Dawn Patrol	£20.99	Master Axe	£16.99	Super Shids	£19.99	Monemat	£3.99
Dennis + Gnasher	£15.99	Micro Machines	£16.99	Super Stardust	£19.99	External Disk Drive	£49.99
Desert Strike	£9.99	Microprose Grand Prix	£20.99	Tactical Manager	£16.99		
Desert Strike	£9.99	Highly Max (1990)	£16.99	Tactical Manager 94/95	£9.99	EDUCATIONAL	PRICE
Detroit	£21.99	Monkey Island 1	£22.99	Tactical Manager (Eng)	£16.99	Adi English (11-18)	£16.99
Disposable Hero	£16.99	Monkey Island 2	£22.99	Tactical Manager (Ital)	£19.99	Adi French (10-12)	£16.99
Dragon Stone	£19.99	Monopoly	£18.49	Tactical Manager (Scot)	£16.99	Adi French (13-16)	£16.99
Dreamlands	£18.99	Morph (1990)	£19.99	Team 17 Collections	£16.99	Adi Junior Counting (6-7)	£13.40
Dune 2	£10.99	Mortal Kombat	£23.99	TFX (1990)	£28.99	Adi Junior Reading (4-5)	£13.40
Dune 2	£10.99	Mr Blobby	£12.99	The Blue & the Grey	£23.99	Adi Junior Reading (6-7)	£13.40
Empire Soccer	£16.99	Mutant League Hockey	£16.99	The Clue	£19.99	Adi Maths (11-18)	£16.99
Empire Soccer	£16.99	Mutant League Hockey (1990)	£18.99	The Settlers	£19.99	Adi Maths (12-13)	£16.99
European Champions	£16.99	NHL Hockey	£18.99	Theme Park	£22.99	Adi Maths (13-14)	£16.99
Evasive Action	£19.99	Nick Faldo Golf	£16.99	Theme Park (1990)	£22.99	Funschool 4 (3-5)	£16.40
Eye of the Beholder 1	£13.99	One Step Beyond	£19.99	Top Gear 2 Hard Driving	£16.99	Funschool 4 (5-7)	£16.40
Fields of Glory	£19.99	On the Ball, End of Season	£19.99	Turbo Trix	£16.99	Funschool 4 (7+)	£16.40
Fields of Glory (1990)	£23.99	On the Ball League	£21.99	Turrican 1 (1990)	£16.99	Merlin Maths (7-11)	£16.99
FIFA International Soccer	£19.99	On the Ball League Edition (1990)	£21.99	Turrican 1 (600)	£22.99	Mega Maths A level	£16.99
Football Glory	£16.99	Overlord	£19.99	UFO	£22.99	Micro English	£16.99
Football Glory (1990)	£19.99	PGA European Tour	£18.99	UFO (1990)	£22.99	Micro French	£16.99
Formula One Champions	£19.99	PGA European Tour (1990)	£18.99	Ultimate Pinball	£19.99	Micro German	£16.99
Formula One Team Manager	£19.99	PGA Tour Golf & Courses	£18.99	Universe	£19.99	Micro Maths	£16.99
Frontier Elite 2	£18.99	Pinball Double Pack	£21.49	Valhalla Lord of Infinity	£19.99	Micro Science	£16.99
Fury of the Furries	£9.99	Pinball Fantasies (1990)	£19.99	Vital Light	£19.99	Noddy's Big Adventure	£16.99
GE	£16.99	Pinball Illusions (1990)	£19.99	Voyage of Dismay	£20.99	Paint and Create (U5's)	£16.99
Genesis	£19.99	Pinkie	£22.99	War in the Gulf	£16.99	Spelling Fair (7-13)	£16.99
Goal	£10.99	Pizza Tycoon	£22.99	Wembley Int Soccer			
Goblins 3	£23.99	Police Quest 1	£13.99				
Graham Gooch 2nd Innings	£11.99	Police Quest 2	£13.99				
Graham Gooch World Cricket	£18.99	Police Quest 3	£13.99				

THE LOWEST PRICES ANYWHERE - NO MEMBERSHIP FEE - REGULAR FREE GIFTS

CD 35	PRICE	CD 36	PRICE	CD 37	PRICE	CD 38	PRICE
Akira	£19.99	Dixie's Enchanted Worlds	£9.99	Legacy of Sorosil	£17.99	Sensible Soccer	£16.99
Alfred Chicken	£17.99	Dink	£19.99	Lemmings	£16.99	Slim City 3000	£22.99
Alien Breed 2	£18.99	Dragon Stone	£19.99	Lion Heart	£13.99	Skeleton Crew	£23.99
Alien Olympix	£16.99	Elite 3	£18.99	Little Devil	£18.99	Skid Marks	£19.99
Arabian Knights	£18.99	Evasive Action	£19.99	Liverpool Football	£19.99	Sleepwalker	£10.99
Arcade Pool	£9.99	Fields of Glory	£39.99	Lost Vikings	£19.99	Soccer Kid	£19.99
Banshee	£19.99	Fimbos Quest	£9.99	Lotus Trilogy	£17.99	Soccer Team Manager	£16.99
Battlechess	£19.99	Fuzzball	£9.99	Man United Premier Champs	£19.99	Speedball 2	£9.99
Battletoads	£15.99	Genesis	£19.99	Master Axe	£22.99	Subwar 2050	£19.99
Beneath a Steel Sky	£19.99	Gunship 2000	£19.99	Microcosm	£29.99	T.A.X.	£19.99
Blump 'n' Burn	£19.99	Heimdall 2	£29.99	Mighty Max	£16.99	Top Gear 2 (Hard Drive)	£19.99
Brutal Sports Football	£9.99	Impossible Mission	£19.99	Morph	£19.99	Tower Assault	£19.99
Bubba 'n' Stix	£17.99	Inferno	£19.99	Mr Blobby	£12.99	Trivial Pursuit	£19.99
Bubble and Squeak	£19.99	International Karate	£9.99	NHL Hockey	£19.99	Troika	£16.99
Cannonfodder	£19.99	International Soccer	£19.99	Nick Faldo	£21.99	UFO	£19.99
Castles 3	£19.99	James Pond 3	£18.99	Nigel Mansell	£14.99	Ultimate Body Blows	£19.99
Chuck Rock	£18.99	John Barnes	£18.99	Pinball Fantasies	£19.99	Vital Light	£19.99
D-Generation	£13.99	Jungle Strike	£18.99	Powerdrive	£19.99	Wembley Int Soccer	£19.99
Darkseed	£19.99	Jurassic Park	£19.99	Puffy Squad	£19.99	Whales Voyage	£19.99
Deepcare	£16.99	Kick Off 3	£24.99	Rise of the Robots	£22.99	Wild Cup Soccer	£18.99
Dennis	£13.99	Kid Chaos	£16.99	RoadKill	£19.99	Zool	£19.99
				Ryder Cup	£19.99	Zool 2	£17.99

ORDER FORM

Please supply me with the following titles
for computer

[illegible]

ACCESS/VISA CARD NO.

EXPIRY DATE

SIGNATURE

54

DATE _____

NAME

POSTCODE

*****REMEMBER.
IF YOU CAN'T
SEE WHAT
YOU WANT
PLEASE PHONE
AND ASK!*****

DELIVERY CHARGES

- FREE 2nd class recorded delivery for peace of mind**
EEC - £3 per item
NON EEC - £4.50 per item
PRICES INCLUDE VAT AND ARE SUBJECT TO CHANGE WITHOUT NOTICE. PLEASE NOTE SOME TITLES MAY NOT BE RELEASED AT THE TIME OF PRESS. ALL ITEMS SUBJECT TO AVAILABILITY. E & OE

AMIGA FORMAT

David Matthews
0225 442244

ADVERTISING RATES
£60 + VAT
per Company entry

AMIGA FORMAT MARKET PLACE
Beauford Court
30 Monmouth Street
Bath, Avon
BA1 2BW

Tel: 0225 442244
Fax: 0225 480325

We accept cheques for payment

MÔN PD

The Island of DISCOVERY
For Quality Assured PD and CD
PD Disks £1 CATALOGUE 75p

9 Lon y Wylan, Ynys Môn,
Gwynedd, N Wales LL61 5JU
Tel: (01248) 714591

ONLINE PD

FREE 2 DISK CATALOGUE
LISTING 8000+ PD TITLES.

TEL: 01704 834335 OR SEND SAE

75p PER DISK

Every 10 disks ordered choose 1 FREE.

Online PD, Dept AF
1 The Cloisters, Haisall Lane, Farnley, Liverpool L37 3PX

AmiCom PD

AF 22 Church View Close, Havercroft, Wakefield,
West Yorkshire, WF4 2PH

Catalogue Disk 50p (refundable with first order)
Games, Utilities, Demos, Music, Animations, Slide Shows,
Educational, Fonts, Clipart, Assassins Games, Food Fish,
Scapes, Amigos, Arty, New Zealand and lots more...

Disk Prices: All disks 99p each
Postage & Package 50p
Make Cheques/Postal Orders payable to K M Lumsdon

ARNOLD COMPUTER SUPPLIES

Amiga A1200 £289
Blank Disks £19 per 50 inc. labels
DSHD Disks £25 per 50 (Pre-formatted)
PD LIBRARY NOW OPEN!
Please send £1 or 4 1st class stamps for catalogue
Free local delivery and installation (10 mile radius)
Many more items stocked.
Please phone or fax for latest prices.

Barry Voce 0602 264973
11 Campion Street, Arnold,
Nottingham NG5 8GR

AGA ONLY P.D

The No.1 stop for AGA PD. All the latest warez.
DEMOS - UTILITIES - GAMES - SLIDESHOWS
£1 per disk inc. P+P

1 disk free for every 5 disks purchased!
Catalogue disk £1 or send SAE for more info.
Cheques & PDs should be made payable to
CLUB 1300
57 EUROPA ROAD
LOWESTOFT, SUFFOLK NR33 8BQ.
TEL: 0836 328263

PenDragon PD

St. Hubert Way, Willow Gate,
Grimsby, S. Humberside DN7 5AS
Tel: (01472) 288680

We stock: Games, Demos, Music, Clipart, Slide Shows,
Animations, Screen Saver and more!

Newsletters: Blank Disks, Flip Top and Stackable Disk Boxes,
Mouse mats and Mouse Pads. All at reasonable prices.

Send 25 1st class stamps to receive a catalogue disk.

Public Domains: 1 - 10 disks £1.00 each
prices are: 11 - 20 disks £1.05 each
21 - 30 disks £1.10 each
31 - 40 disks £1.15 each
41 - 50 disks £1.20 each
51 - 60 disks £1.25 each
61 - 70 disks £1.30 each
71 - 80 disks £1.35 each
81 - 90 disks £1.40 each
91 - 100 disks £1.45 each

Plus 75p post
Packaging
PD order

PenDragon PD is a trading name of Grimsby and Doncaster Community Resources Ltd

AMIGA DELUXE WORKSTATIONS

A1200/A600/A500

Direct from manufacturer
Price £34.00 inc. VAT & P&P
Allow 21 days delivery
Please send cheques/PO's payable to:

NUTEK LTD, Unit 12, Langley
Terrace Ind. Park, Latimer Road,
Luton LU1 3XQ Tel/Fax 0582 30931

ARTMAN

Non profit P.D.
Please send blank disk + S.A.E. for
catalogue disk + 2 free games.
40 Northwell Gate, Oley, West Yorks
LS21 2DN
OVER 4000 TITLES
SOMETHING FOR EVERYONE

AMIGAHOLICS PD

AMIGA PD LIBRARY
Send SAE for list or 50p for disk. London Amiga PD staff,
including Clipart, Anim, Utilities, Fonts, Music,
Assassins, Game Disks, L.S.D. Legal Tools & Demos.
FREE friendly advice or help.
Remember we only do Amiga PD & Shareware

1 Disk £1.50, each additional disk 11p
Order 5 disks get 1 FREE
Order 10 disks get 2 FREE
Order 15 disks get 3 FREE

Send Cheques/P.O.s to:
Dept AF Amigaholics PD,
236 Chester Road North,
Eddersley, Warrington, Cheshire, WA3 9TE

P.S. Good Luck to Amiga International! All trademarks acknowledged

50 TOP AMIGA GAMES

FOR ONLY £9.99 POST PAID

These games are all public domain, they are all 100%
compatible games titles. Animations, puzzles, platformers,
shooters, etc. Send £10 for list.

Some of these games were: Mega Wars
FUTURE SOFTWARE (AF)
8 MAGNOLIA PARK, DUNMURRY,
BELFAST BT17 0DS

Compatible with all Amigas. 1 Meg only
Fast dispatch on orders

ALMOND P.D

(DEPT AF68) 19 JUNIPER GROVE, LIVINGSTON EH34 5JF
TEL: 01306 442165

UTILITIES, MUSIC, SLIDESHOWS, GAMES, DEMOS, CLIPART,
ANIMATIONS, AGATHON, FREE FISH, ASSASSINS, T-BAG.

£1.00 PER DISK. CATALOGUE DISKS FOR 400 GGP UK POSTAGE
FOR ORDERS: EUROPE 50P PER DISK, WORLD 60P PER DISK. DISCOUNTS
ON ORDERS OVER 100. CASH MON-SAT 9AM TO 7PM, SAT 10 AM TO 12 PM
TURNAROUND ON ALL ORDERS. FREE MEMBERSHIP

SPECIAL OFFER: SEND BACK CATALOGUE DISK AND GET 1 FREE
GAME WITH FIRST ORDER
SPECIAL OFFER: WITH EVERY 10 DISKS ORDERED PICK 1 FREE
MAKE CHEQUES/P.O. ORDERS PAYABLE TO: M. DOYLE

Convert your Amstrad
COLOUR MONITOR
£9-95

	MADE	DIV
Amstrad 28664 (no sound)	£9.90	£5.90
Amstrad 28664 (with sound)	£19.90	£29.90
Amstrad 28664 (with sound) + 1 year warranty	£19.90	£8.90

Hagars Electronics, 127 High Street,
Sheerness, Kent ME12 1UD
Tel (0795) 663336

Cheques/Postal Orders accepted

KEW = II Software

Est. 1989

TOP QUALITY AMIGA PD & SHAREWARE

CATALOGUE: 50p
DISKS & UTILS: £1.50
1.5 DISKS £1.50
1.5 DISKS £1.25

FREE FRIENDLY FREE POST OR
PHONE SERVICE

P.O. BOX 672
SOUTH CROYDON
SURREY CR2 9YS
TEL: 081 657 1617

PICK YOUR OWN PROGRAM BY
NAME, NUMBER & SIZE IT'S EASY!

THE LEADER - OTHERS CAN ONLY FOLLOW!

FREE DISK Catalogue

Thousands of PD titles (from only 75p) listed.
Send SAE to:

PATHFINDER PD (AF6)
41 Marston Street, Hingley,
West Yorkshire BD16 4NQ

NEW RELEASE
PC286 BLACK DAWN II - PATHFINDER PD EDITION
10 NEW LEVELS OF THIS EXCELLENT SHAREWARE
MD RPG - EXCLUSIVE TO US
ONLY £1.45 including p&p (A1200 & L3 A500 only)

BobED

Intuition based
shape editor
for use with
BLITZ Basic

From: "ASPIRE 2" 0352 761798

Strathpey, Pentre Hill, Flint Mountain,
Clywd CH6 5QN

Free Catalogues

of 4000+ disks from 75p

- ✓ Clip Art
- ✓ Business
- ✓ Utilities
- ✓ Assassins
- ✓ Education
- ✓ Fish etc

Softcell Services Shareware
25 Maywood, Brynna, Pontychn CFT 9PZ
Tel: 01443 238630 Fax: 01443 228966

Part-Time PD

124 LONGREACH ROAD,
BOVEY, LIVERPOOL
L14 6NU

75p

NORTH-EAST AMIGAPD
SEND 50p FOR CATALOGUE DISK NOW!
PLEASE MAKE CATALOGUE DISK ORDERS PAYABLE TO THE
PART-TIME PD

Martial Spirit

A complete one on one beat em up for 1 meg chip ram Amigas
7 Playable Characters 2 Special Moves per character
2 Boonies

Send Cheque/PO for £5.00 to
Black Paladins, Hillcrest, Verran,
Turo, Cornwall TR2 5QA

Make cheques payable to S.J. Buddle

XPD

100 DREAM BABES
(10 DISKS)
only £9.99
FREE P&P

XPD, Dept (AF), 68 Fane St, Belfast BT9 7BW

WARNING! This material may offend.

TOXIC SOFTWARE

28 Sandbeck Ave, Skegness, Lincs. PE25 3PX

Disk Prices:

1-10	£1.00
11-20	£1.50
21-30	£2.00
31-40	£2.50
41-50	£3.00
51-60	£3.50
61-70	£4.00
71-80	£4.50
81-90	£5.00
91-100	£5.50

Blank Disks £0.35

Please make cheques payable to -
TOXIC SOFTWARE PD

FOR ALL YOUR PD REQUIREMENTS TRY BRITAIN'S BRIGHTEST LIBRARY
FISH-ASSASSINS-DEMOS-UTILS-ANIMS-CLIPART-FONTS-MODULES

99p EACH **PD WORLD** **99p EACH**

8AM TILL 8PM EVERY DAY PROMPT SERVICE

TELEPHONE 01322 552835

Catalogue disk 50p or free with first order + All disks unless free + P&P 60p
PD World, 20 Princess Parade, Walsby, Cragford, Rens DA1 4JZ

7 GAMES FOR £1

IT'S JUST ONE OF THE HUNDREDS OF CUSTOM MADE DISKS
COVERING ALL TYPES OF PD SOFTWARE, GIVING YOU WHAT
YOU'VE ALWAYS ASKED FOR - VALUE FOR MONEY!
GAMES, UTILITIES, DEMOS, MUSIC, CLIPART, SELECT-A-RONT
SELECT-A-MOD, AND MUCH MORE

DISK PRICES:
1-10 disks £1.50
11-20 disks 20p
21+ disks 30p

PLEASE SEND 1st CLASS STAMPS
75p for Postage & Packaging

CATALOGUE DISK 1.00
Please make cheques/PO's payable to:

THEORY PD
DEPT AF, PO BOX 49, WALLSEND, TYNE & WEAR NE28 6YU

PUBLIC DOMAIN

FROM **49p** PER DISK

ACTIVITY SOFTWARE
DEPT AF68
120 SHEFFIELD ROAD
DRONFIELD, SHEFFIELD
S18 6GG TEL/FAX: 0246 290860

SEND 25p STAMP FOR
FREE CATALOGUE DISK

WE ALSO STOCK PC SHAREWARE

THE PD AND SHAREWARE KINGDOM

New Year Special Offer
All disks just 50p

For our free Disk Mag/Catalogue
send a formatted disk & SAE to

Realm Software
PO Box 145, Walsall, WS2 9YX

AMIGA MONTHLY

3/4 disks full of NEW
USA SOFTWARE **FOR ONLY £4.25 inc**
Cancel any time

SMS Shareware
19 Carshalton Road, Camberley
Surrey GU15 4AQ
phone 01276 681864 fax 01276 64382

CLASSIC AMIGA PD

FREE CATALOGUE
DISK CALL
061 7231638
12AM - 9PM DAILY

GVB PD

AMIGA PUBLIC DOMAIN
AS LOW AS

60p

1 to 11 disks £1.00 each
12 to 19 disks 75p each
20+ disks 60p each

ORDERS INCLUDE POST & PACKING

NO MINIMUM ORDER FOR A CATALOGUE DISK

PLEASE SEND 1st CLASS STAMPS
GVB PD DEPT AF, 41 BADGER CLOSE, MAUPENTHEAD,
BURNESIDE, N.W. 21, ENGLAND

OR PHONE ME ON 081 441515 FOR MORE INFORMATION

MULTIPIX

SCENIC VIEWS CD ROM

£14.95 0387 254195 £14.95

HORNESOFT P.D

EST 1989

OVER 12,000 AMIGA PD DISKS, PRICED FROM
JUST 30p TO 75p

All computers catered for!

Send a SAE + disk for FREE Catalogue
To: HORNESOFT P.D, DEPT AMS, 23 STANWELL
CLOSE, WINCOBANK, SHEFFIELD S9 1PZ
Tel: 0114 2 492950 Ask for Chris


Our catalogue disk is unmatched by any other
Amiga hardware/give/guide

We post computers, etc. weekly, and not just another cheque!

ATTACK HELICOPTER FLIGHT SIMULATOR

A battle field scenario simulation of the Boeing/Sikorsky RAH 66 COMANCHE

'Serious flight modelling that requires skill to master'



Flight dynamics modelling: Not available on other sims. Author B.Eng Aero.

Test your flying skills over a 65000 sqr km battle area. Filled with over 300 fractally shaped hills, clouds, 1000's kms of rivers and roads. Land at any of five bases. Fly under and around bridges, power stations, etc. Destroy more than 160 passive and active enemy objects. Pit your wits against intelligent enemy anti aircraft weapons and enemy helicopter.

Armaments: Guided Hellfire (4) and Stinger (6) missiles, 20mm (500) cannon. **Avionics:** Radar and FLIR targeting systems, 5 Mode flight control computer, Enemy radar & laser detectors. **Software:** Sophisticated flight modelling and collision detection algorithms. Utilises filled polygon 3D real time rendering techniques, 6 view modes. Realistic sound effects, and doppler shift. Stunning fragmented object explosions. Realtime or user definable interpolation time constant.

Only £9.95 Includes instruction manual, postage and packing.

Supports A500 A500+ A600 A1200 A1500 A2000 A3000 A4000 & Accelerators
Kickstart 1.2 or later Requires a minimum of 1 Megabyte of ram Joystick optional

To Order: Please send your name & address with a cheque or postal order for £9.95 payable to 'Absolute Image' at A.I. Dept AF02, 9B Kenelm Road, Colwyn Bay, Clwyd LL28 4EE

**AMIGA POWER SUPPLY £27.99
OR EXCHANGE POWER SUPPLY £18.99**
send faulty unit with payment.

GENUINE COMMODORE 1 YEAR WARRANTY, SPEEDY DESPATCH

AMIGA REPAIR (A500/A500+ ONLY) £37.99

Multiple faults may result in extra charge.
Price includes postage, parts and labour

A	Amiga Internal Drive	Garry Chip	£5	S
M	Repair	Denise Chip	£5	P
I	A520 Modulator	Kickstart 1.2 Ram	£5	A
A	exchange only	Amiga Keyboard Repairs	£27.99	R

Cheques and postal orders to:



**Omnicale Supplies, 8E Rowan Court, Friargate,
Derby DE1 1BU Tel (0332) 291219**



→ TELESCAN FOR AMIGA ←

STACKED DECK
The Ultimate card pack!
24 programs containing 37 card games for all tastes
3 DISK SET - £4.50

THE MODULE PACK
The best pack of modules available! Over 50 all time classic soundtracks covering all tastes. All soundtracks & newtracks compatible mods.
5 DISKS - £6.00

CD WORLD
A new 2 disk magazine dedicated to all Amiga CD users. Info, reviews, news and much more. Brought to you by the Final Frontier team
2 DISKS - £3.50

PROJECT UFO
Over 4 Meg of UFO related info files from across the globe. Sightings, Unexplained, Abductions, Cover-Ups, etc. etc. some highly classified. Comes complete with a text reader or you can use your own favourite word processor!
6 DISK SET - £7.50

ALL TITLES POST FREE
BODYSHOP VIII
The best just gets better! More girls in stunning AGA pictures. 1200 only
3 DISKS - £4.00

NEW 1200 GAMES PACK
The latest games for your 1200 or 4000 - Monopoly, Donkey Kong, Zombies 2, CD32 Pacman & Rocket 2. Also includes Speccy Emulator AGA complete with 20 classic games!
6 DISKS - £7.50

STEREOGRAM II
Two disks packed with the latest in 3D Stereogram pictures. 18 in all plus a stereogram animation!
2 DISKS - £3.00

EDUCATION PACK 2
World Database, Evolution, Units, Maths Drill, German Tutor, Calcley Tutor, Elements, Planetarium, Maths Reflex 1/2/3, Convert, Dealab, The Solar System plus more!
5 DISKS - £6.00

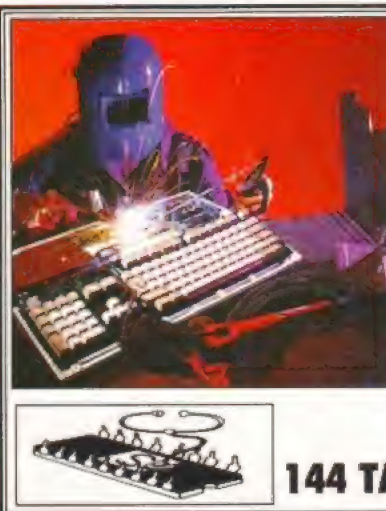
HUMDINGER 41
41 great games on 2 disks!
This set is our all time best seller. A must for game freaks.
2 DISK SET - £3.50

HOLODECK
Magnificent artwork from around the world all based on Star Trek. A must for Star Trek fans! Issues 1, 4, 5 & 6 available.
2 DISKS PER ISSUE - £3.50

THE FINAL FRONTIER
The magazine for Star Trek enthusiasts. Packed with info, music, pictures etc. etc.
2 GREAT DISKS - £6.00

SCANNER DISK MAG
Now in its 3rd year and packed with the best PD programs. Amiga Shoppers rated it (1991) 'Why not try the latest issue?'
Compatible on ALL Amigas.
2 PACKED DISKS - £3.50
SEND 4 FIRST CLASS STAMPS FOR OUR FAMOUS CATALOGUE DISK SET FREE WITH FIRST ORDER

Please make cheques & PO's payable to N.Jordan and post to:
TELESCAN COMPUTER SERVICES PO BOX 1 THORNTON-CLEVEYS LANC'S FY5 1SH
or if you prefer you can telephone your order using your ACCESS/VISA no 0253 829292



FAST AMIGA REPAIRS

FAULTY TROUBLESOME COMPUTER ??
SEND OR DELIVER TO THE EXPERTS FOR FAST RELIABLE REPAIR OF YOUR BELOVED AMIGA 500

ONLY £44.00 INC,*

**WE ALSO REPAIR
TO COMPONENT LEVEL
A600, 1200, 1500,
2000, 3000 + 4000
* FREE QUOTATION ***

- FREE GIFT WITH EVERY REPAIR. PLEASE TICK BOX.**
- ☐ MOUSE MAT
 - ☐ MOUSE HOLDER
 - ☐ DISK CLEANING KIT
 - ☐ ADD £5 REPLACE MOUSE
 - ☐ ADD £5 JOYSTICK SEGA STYLE

- DRIVE OR KEYBOARD REPLACEMENT + £10**
- BARGAIN HARD DRIVES**
FITTED 85-500mbCall
- EXCHANGE SERVICE**
MODULATORS£19.50
PSU£19.50
D/DRIVES£25.50
K/BOARDS£25.50

* COLLECTION AVAILABLE ANYWHERE IN THE UK.

144 TANNER STREET TOWER BRIDGE, LONDON SE1 2HG - TEL: 071 252 3553

NJH PD
Dept AF, 12 Mosses Road,
Rushford, Essex SS4 1BN
Tel/Fax 01702 546796 / 0585 348786

FROM ONLY 60p PER DISK

GAMES

- Day of the Races
- Paradise 64
- Gunfighter
- Dr. Strange
- Punter
- Black Down 2
- Kenomorph
- Marbles
- Scottish Football
- Fruitmania
- Stewards Enquiry
- Green 5
- Automobiles
- Raise the Titanic
- Talisman (2)
- Las Dennis Hangman
- Ant Wars (2)
- Ultimate Quiz
- Soccer Cards USA
- Waynes World Pong
- Jet Strike
- 18 Hole Golf (2)
- Neighbours (2)
- Road to Hell
- Grand Prix Manager
- Starbase 13 (2)
- Texas Chainsaw
- Star Trek (2)
- Mt Men Olympics (2)
- Skidmarks
- Golf
- System Defender
- Fatal Mission 2
- Gloss (2)
- Kung Fu Charlie
- Board Games
- Seek & Destroy
- 2 Player Soccer League
- Scrabble
- Cash Fruit
- Premier Picks
- Super Blue Kid
- Fighting Warriors
- Tatris Pro
- Wibble World Giddy
- Top of the League
- Deluxe Pacman
- Soccer Cards
- Parachute Joust
- Magaball 2-1
- Darts
- High Octane
- Clash of Empires
- Kingdom at War

UTILITIES

- EPU Disk Stacker
- Term v4 (3)
- Imagine 2 Buddy Sys (2)
- Spectrum v2
- Superleague 3.51
- Pro Gamble
- Databases
- Epoch 3
- Autostereograms
- Microprose GP Editor
- Racing 3-11
- C Manual (12)
- D-Copy 3-1
- Lock Pick 2
- Freecopy 1.9
- W/Bench 2 Tutorial
- Maverick Copy
- MenuMaster 3
- Crock & Copy
- Printer Drivers
- Hard Drive Utils
- 200 Utils
- PC Task 2
- Little Office
- Sid 2
- 600 Business Letters
- Test Engine 4.1
- Imagine Text & Obj (7)

DEMOS

- Metallica (justice) (2)
- Metallica (puppets) (2)
- Metallica (lightning) (2)
- CCCC Demo
- Cuzco Demo
- Insane
- 9 Fingers (2)
- State of the Art
- Dream Trippin
- Vomit
- Desert Dream (2)
- Skizoo Demo 2 (4)
- Rattina Eura 1
- Claustrophobia
- Pygmy Exten
- Jesus on E's (2)
- Mayday
- Fairlight 242
- Hofm Anim (4) (3 Meg)
- Revelations
- Sanity Arts
- Wind It Up
- Satisfaction G/Teed
- Rubarb & Custard
- Metallica (5)
- Cappella (2)
- Techno Mads (5)
- Tribal Dance
- LSD Techno Warrior
- A Trip to Dbase (2)

1200 UTILS

- Spectrum 1.3 AGA
- Moviedisc (2)
- ASI Fuses 2
- Action Replay 4 Pro
- 1200 Diagnostics
- ASI Multivision
- Magic V8 (hard drive)
- Magic V8 Extras
- Videotacker 2 AGA
- Andy's WB3 Utils
- AGA Utils#1
- AGA Icon Editor
- 1200 Final Test
- AGA Blankers
- AGA-Graphic Utils
- Kick 1-3+
- Kick 1-4
- WB3 Backdrops
- WB3 Virus Killers
- WB3 Hooks
- Blackboard

1200 DEMOS

- Low (2)
- Some Justice
- Can't be Done
- Artificial Paradise (7)
- Nio Name Demo
- Gevdalis
- Vital
- Agony Panel Anim
- GED 2 (2)
- Taste the Difference (2)
- Talent GED
- Mini Chivalier
- Access Real
- Nat Agam
- Interchange
- Subliminal Xc (2)
- Final Chapter (3)
- Ugualo Damage
- Crayon Shichon
- Panda Baki
- Max Overdrive (2)
- Friday At 8
- Fatal Morgana
- Ray World (3)
- Empty Head
- Ongin (2)
- Full Moon
- Albatraz Pig
- Volcano
- Explen 2
- Hat Mindwar
- Hat Pioneer Groove
- Chanel No 5

1200 GAMES

- Kondike 3 (4) (hard drive)
- Cyberlock Corp (2)
- Mad Fighter 2 (3)
- Mosqueada (2)
- Boazzo & Runt
- Evil Insects
- Troic or Teat
- Yatsoze II
- Stones AGA
- Bacmon AGA
- Zombies II
- Boron 2
- Hos AGA Remis
- AGA Magaball
- AGA Tets
- AGA Kondike (3)
- Kondike Cards (8)
- Boron
- Dungeon Walker
- Moskara Invaders 2 (2)
- Mad Fighter

1200 SLIDES

- AGA Cindy Crawford (4)
- Red Dwarf (2)
- Holobed (4)
- Bodyshop
- Bodyshop 2 (2)
- Bodyshop 3
- Bodyshop 4 (2)
- Bodyshop 5 (2)
- Bodyshop 6 (2)
- Bodyshop 7 (2)
- Ferrari AGA
- AGA Fantasy Pics
- Star Trek AGA
- Jungle Book AGA
- Enka
- Claudio
- AGA Margo (4)
- Tutankham (2)
- GB Beatles (14)
- Phoebe Coes

CD TITLES

- CDPD 1,2,3 or 4 £18 ** CD32 OK **
- EUROSCENE £14
- LOCK n LOAD (1000 games) £18 ** CD32 OK **
- DEMO 1 or 2 £18
- MULTIMEDIA TOOLKIT £18
- LSD TOOLS £18
- AMINET £18
- SHEER DELIGHT £18 ** CD32 OK **
- AMQS CD £18
- RAYTRACING 1 or 2 £18
- 17 BIT COLLECTION £36
- 17 BIT CONTINUATION or PHASE 4 £18
- loads more available please tel

SPECIAL PD PACKS

- ZX SPECTRUM EMULATOR v2 plus 38 games disks £25.00
- ADOBE FONT PACK B disks full of fonts for Poststream etc £6.40
- BODYSHOP PACK the complete collection of 12 disks £9.00
- BUSINESS PACK 4 disk set containing database, spreadsheet W/P etc £3.20
- COLOUR FONTS 5 disks of colour fonts for use in Dtpaint £4.00
- LIGHTWAVE PACK 18 disks of objects, textures, help files and more £13.00
- 1200 DEMO PACK 11 disks of the latest demos for the 1200 £8.00
- IMAGINE PACK 18 disks of objects, textures, help files and more £13.00

How to Order: Please tick titles required and send with your name, address and payment of cheque/postal order/cash to the address at the top of this advert. Hand written orders also accepted. Cheques/Postal Orders payable to NJH. ALL ORDERS SENT BY FIRST CLASS POST THE SAME DAY. ALL PD DISKS WILL RUN ON ALL AMIGAS APART FROM THE 1200 ONLY DISKS.

We also stock Fred Fish up to 1000, Scope up to 210, Assassins Games up to 208, also LSD Tools, Jam and Arug. Also DTP fonts, clipart, CATALOGUE DISK 7.5p or 3 First Class stamps

ONLY POOLS & HORSES

The software which predicted Nortons Coin at 100/1 to win the Gold Cup is now available by mail order. To get your hands on a copy of our No. 1 selling Horse Racing Software, The Tipster™, please send cheques or postal orders payable to Sidmouth Software (we also take Access or Visa), for the sum of only:

£34.95 inc VAT & P&P

AMIGA FORMAT READERS SPECIAL OFFER

Buy the Tipster™ and receive The Dogs™, our Greyhound Racing software, or The Punter™, our pools software, FREE OF CHARGE. Yes, to celebrate the opening of our new offices, we are GIVING AWAY one piece of software with each Tipster™ sold. Purchase two and get one free for only £49.95 including P&P and VAT. Don't delay, write or phone today, we can not keep this offer open for more than one month. A demo disk is available for £9.95 (Re-fundable against purchase).

Sidmouth Software
PO BOX 7, SIDMOUTH, DEVON EX10 0TD

VISA Office Hours ☎ 01395 567073
Late Night Sales ☎ 01404 814547

AMIGA FORMAT PRESENTS



PHOTOGENICS

This month Nick Veitch awarded Almathera's amazing new *Photogenics* paint and image processing package a coveted Format Gold.

Next month you can see how good *Photogenics* is for yourself in our exclusive special-edition demo version of the program. Don't miss it.

Issue 69

On sale Thursday February 16



MUSIC-X

Maff Evans from *Future Music* explains how to get the most out of Software Business' brilliant music package. If you missed the AF Coverdisk of *Music-X* turn to page 116 and order a back issue now!

RESERVE YOUR COPY OF

**AMIGA
FORMAT**

Cut out this form or photocopy it and then hand it in to your newsagent.

Please reserve/deliver *Amiga Format* magazine each month.

Name

Address

.....

Phone No



To the newsagent:
Amiga Format is published
by Future Publishing.
Tel: 01225 442244.

BEEVOOS
CARPENTER
CHILLI
CHINESE
CSDJERSEY
RIBBONS
HEADHUNT
INDIANA
KEYBOARD
MEDUSA
Miaminite
OLDWORD
OREGON WET
ORIENTAL
BLOCK!
Calligraphy
CRACKLING

SEND NOW FOR
 YOUR FREE
 46 PAGE
 INFO PACK

Over 4000 Fonts
 now in Stock!

PIC n MIX
 from over 4000 Fonts in
 ADOBE or COMPUGRAPHIC
 Format. Or select from
 164 Disks
 (12 Fonts per Disk)

FASTEST MAIL
 ORDER COMPANY
 ON EARTH!
 16 hr response

Fonts from as
 little as 7pence!

STRUCTURED CLIP-ART

Wordworth v3, Final Writer, Pro-Page, Pro-Draw, Pagesetter v2/v3
 Pagestream, Expert Draw, Pro-Vector, Art Expression.

ARTIST DRAWN QUALITY CLIPS AVAILABLE FOR ALL THE ABOVE PROGRAMS.
 ONLY AVAILABLE FROM SELECTAFONT.

CURRENTLY AVAILABLE:

BIRDS: 3 DISKS (47 CLIPS) 14.99
 ANIMALS: 2 DISKS (40 CLIPS) 9.99

Many other
 structured clips

New additions
 every Month

FONTBUSTER

41 DISKS (500 Fonts) £34.99

Choose from 4
 Different Volumes

TECHNICAL
 Helpline
 for
 all
 Customers

CLIPBUSTER

23 CLIPART DISKS £24.99

(ALL Disks have
 Image Catalogues)

INK-JET/BUBBLEJET SERVICES

Having used Ink-Jets for 3 Years, we feel we are in a unique position to offer a
 first class service to all of our customers. We only supply PREMIER ink refills for
 all printers which we GUARANTEE will give a BETTER quality than from your
 original Cartridge. We also supply a comprehensive range of Ink-Jet/Bubblejet
 Consumables including: COLOUR KITS/ORIGINAL CARTRIDGES/CLEANING KITS

Single Refills £6.99
 Twin Refills £12.99
 6 Pack Refills £24.99

available in Black/Cyan
 Magenta/Yellow/
 Green/Red/Blue

NEW! NEW! NEW! NEW!
 Waterproof Black Ink
 Single Refill: £7.99
 Twin Refill: £14.99

IFF CLIPART

We only supply Hi-res Clips
 that we have created
 ourselves. All disks come
 with image catalogues

NEWSFLASH!

NEW VECTOR CLIPART
 COLLECTIONS NOW
 AVAILABLE

We have the UK's
 Largest Collection of
SCALEABLE CLIPART
 No Jaggies No Hassle!

For a FREE Comprehensive Printout of all
 Fonts and Details of our other Services
 PHONE 0702 202835 24 HR SERVICE
 or FAX 0702 200062

or WRITE TO US:
 Please include Details of your System set-up
 and the Software you will be using.

No
 Silly
 Info
 Pack
 Prices
 Here!

ACCESS/VISA/BARCLAYCARD
 MASTERCARD
 CREDIT CARDHOTLINE:
 0702 202835

SELECTAFONT (DEPT AFI),
 84 THORPE ROAD, HAWKSWELL
 Nr HOCKLEY, ESSEX SS5 4JT

POSTCRYPT
203137
RANSOME
SHANGHAI
SHRAPNEL
STAR
STEEL
STENCIL
STRETCH
TOYBLOK
WEDGIE
WOBBLER
ZORRO
SWINGER
Tiptoretto
OpenHouse
PEACE
POWERLINER
StarStruck
SALTER

AMIGA FORMAT 68

FEBRUARY 1995

EDITORIAL

EDITOR
 DEPUTY EDITOR
 CONSULTANT EDITOR
 PRODUCTION EDITOR
 GAMES EDITOR
 STAFF WRITER
 STAFF WRITER

Steve Jarratt
 Sue Grant
 Nick Veitch
 Richard Jones
 Stephen Bradley
 Steve McGill
 Jason Holborn

DESIGN

ART EDITOR
 DEPUTY ART EDITOR

Sue White
 Frank Bartucca

PUBLISHING

PUBLISHER
 PUBLISHING ASST
 DIRECT SALES MANAGER
 PROMOTIONS MANAGER
 CIRCULATION MANAGER
 CIRCULATION ASSISTANT
 JOINT MD

Steve Carey
 Annabel Parmenter
 Dale Bradford
 Simon Howarth
 Jon Bickley
 Kate Elston
 Greg Ingham

CONTRIBUTORS

Jess Bennett, Marcus Dyson, Ed Wiles, Jeff
 Walker, Richard Baguley, Tim Smith.

ADVERTISING

GROUP AD MGR
 ADVERTISING MANAGER
 SALES EXECUTIVE
 SALES EXECUTIVE

Mary de Sausmarez
 Louise Woods
 Diane Clarke
 David Matthews

PHOTOGRAPHY

Ashton James

PRODUCTION

GROUP PROD MGR
 PROD CO-ORDINATOR
 PROD CONTROLLER
 PRINT SERVICES
 AD DESIGN
 ADMIN ASST

Judith Green
 Charlotte Brock
 Claire Thomas
 Mark Constance
 Claire Russell, Lisa Withey
 Suzannah Angelo-Sparling

COLOUR SCANNING & IMAGESETTING

Jon Moore, Simon Windsor,
 Chris Stocker, Jason Tittley, Mark Gover

COLOUR ORIGINATORS

Phoenix Repro

PRINTED IN THE UK BY

St Ives PLC

NEWSTRADE DISTRIBUTION, UK

Future Publishing 01225 442244

NEWSTRADE DIST ABROAD

Future Publishing 01225 442244

YOUR GUARANTEE OF VALUE

This magazine comes from Future Publishing, a
 company founded just nine years ago but now selling
 more computer magazines than any other in Britain.
 We offer:

Better advice. Our titles are packed with tips,
 suggestions and explanatory features, written by the
 very best in the business.

Stronger reviews. We have a cast-iron policy of
 editorial independence and our reviews give clear
 buying recommendations.

Clearer design. You need solid information fast. So
 our designers highlight key elements by using charts,
 diagrams, summary boxes, and so on...

Greater relevance. At Future, Editors operate under
 two golden rules:
 • Understand your readers' needs.
 • Then satisfy them.

More reader interaction. We draw on readers'
 contributions, resulting in the liveliest letters pages
 and the best reader tips. Buying one of our magazines
 is like joining a nationwide user group.

Better value for money. More pages, better quality -
 magazines you can trust.

AMIGA FORMAT

30 Monmouth St, Bath, Avon BA1 2BW

Telephone 01225 442244

Facsimile 01225 318740

E-MAIL ADDRESS

amformat@futurenet.co.uk

(INCLUDE DEPARTMENT IN SUBJECT TEXT)

SUBSCRIPTIONS, BACK ISSUES and MAIL ORDER

Future Publishing, Somerton,

Somerset, FREEPOST, TA11 6BR

Telephone 01225 822511, 9am-6pm

Facsimile 01225 822510

UK one-year subscription: £47.40

CUSTOMER SERVICES

Telephone 01225 822511



132,137

Member of the
 Audit Bureau of Circulations.
 Registered Circulation



Printed in the UK
 All contents © Future
 Publishing Limited 1995

January-June 1994

ADVERTISERS' INDEX

1st Computer Centre 28-29.....	0113 2319444	Market Place.....	150-152.....	01225 442244
17 Bit Software.....84.....	0114 2780370	.net.....	35.....	01225 442244
Absolute Image.....151.....	01492 544395	NJH PD.....	152.....	01702 546191
Active Software.....86-87.....	01325 352260	Ocean.....	73.....	0161 8326633
AF Special.....118.....	01225 442244	Ormidale Supplies.....	151.....	01332 291219
Amiga Power.....68.....	01225 442244	Owl Associates.....	127.....	01543 250377
Amiga Shopper.....92-93.....	01225 442244	PD Soft.....	64-65.....	01702 466933
Analogic.....131.....	0181 546 9575	Post Haste.....	106.....	01227 764204
Anglia PD.....122.....	01374 283494	Power Computing.....	2-3,61.....	01234 843388
Bak Distribution.....151.....	01246 290860	Premier Mail Order.....	71.....	01268 271172
Bruce Smith Books.....71.....	01923 894355	Premier Simulations.....	114.....	
CIC Video.....108.....		Pure Technology.....	151.....	01745 332535
Core Design.....47.....	01332 297797	Pygmy Crush.....	151.....	01792 579411
Dart Computers.....131.....	0116 2470059	Selectafont.....	154.....	01702 2028350
Datagem.....102.....	0171 608 0624	Shops Directory.....	147.....	01225 442244
Datel.....98-99.....		Sidmouth Software.....	152.....	01395 567073
Digital International.....126.....	01395 270273	Silica Systems.....	59,67,97,119.....	
Direct Comp Supp.....57.....	01603 311471			0181 3091111
Direct Software.....79,105.....	01908 379550	Siren Software.....	27.....	0161 724 7576
Emerald.....24.....	0181 543 2258	Snap Comp Supplies.....	127.....	01703 457111
Epic Marketing.....82,138.....	01793 490988	Soft Express.....	114,149.....	01908 277177
ESP Software.....17.....	01702 600557	Software First.....	112.....	01268 725500
Europress.....109,134-135.....		Softwood Software.....	36-37,80.....	
Evesham Micros.....140.....	01386 765500			01773 836781
Exclusive PD.....131.....	01705 642409	SRT.....	122.....	
Fast Eng Services.....152.....		Star Micronics.....	88.....	01494 471111
Future Leisure Books.....142-143.....	01225 442244	Telescan.....	152.....	01253 829292
Gasteiner.....74.....	0181 345 6000	Total Comp Supplies.....	148.....	01442 233393
Golden Image.....87,114,122.....		TRC Media.....	79.....	
	0181 9009291	TV Prod Partners.....	80.....	
Ground Zero.....78-79.....	0117 9741462	Underground PD.....	114.....	01702 295887
Harwood.....7,54-55,155.....		United PD.....	50-51.....	
	01773 836781	V Funnell.....	152.....	01253 790147
Hi-Soft.....12.....	01525 718181	Villagetrionics.....	40.....	01049 5066 7013
Indi.....20-21.....	01543 419999	Walkabout Music.....	122.....	01726 813807
Intermediates.....8-9.....	01279 600204	Weird Science.....	46.....	01116 234 0682
KT's PD.....80.....	01702 542434	Wizard.....	77.....	01322 272908

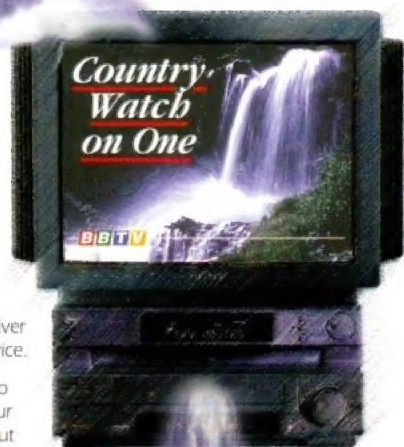
Amiga Frame Grabbing has just taken a Fall... in Price, but definitely not on quality!

**NOW WITH NEW
VERSION 2.0
SOFTWARE...
AND OPTIONAL
PCMCIA INTERFACE
FOR EVEN BETTER
PERFORMANCE, PLUS
SECAM SUPPORT
(and NTSC due soon)**



Grab images with your camcorder.

Take a signal from a TV with SCART output



Use a satellite receiver as your output device.

Grab TV or video pictures from your VCR's video output

The revolutionary new ProGrab™ 24RT with Teletext is not only the best way to get crisp colour video images into your Amiga, it actually costs less than any of its rivals. Whilst this real time 24-Bit colour frame grabber/digitiser has slashed the price of image grabbing on the Amiga, it hasn't been at the expense of quality. Indeed, ProGrab™ has been bestowed the Amiga Format Gold Award and received many rave reviews for its ease of use and excellent quality results.

With ProGrab™ you needn't be an expert in Amiga Video Technology either. Simple 3 stage operation ensures the right results Real Time, after time.

STAGE 1...

Select any video source with composite output. This could be your camcorder, TV with SCART output, satellite receiver, domestic VCR/player or standard TV signal passing through your VCR/player... the choice is yours.

STAGE 2...

Using the ProGrab™ software, select an image you wish to capture in the on screen preview window (because the hardware grabs a frame in real time, there's no need for a still frame facility on the source device) and, grab! ProGrab™ even includes a Teletext viewing/capturing facility from either TV or satellite source devices. Once grabbed, simply download the image to your Amiga for full screen viewing.

STAGE 3...

Use the saved image in your favourite Amiga word processing, desktop publishing or graphics software packages.

ProGrab™... supports all recent Amigas and is also fully AGA Chipset compatible. You can even work in the new graphics modes up to 1472 x 512 pixels in HAM 8 (Amiga RAM permitting). Images are digitised in 24-Bit, 16.7 million colours.

ProGrab™... supports IFF, ILBM, ILBM24, Clipboard, JPEG, ProGrab™ File or Anim's File output formats.

ProGrab™... software has built in mono and colour animation facilities. The number of frames is dependant upon your Amiga's RAM.

For just £129.95

ProGrab™ is supplied with everything you'll need...

- ProGrab™ 24RT Digitiser (with power & input signal leads)
- ProGrab™ 24RT Software
- Parallel Connecting Cable
- Mains Power Supply Unit

ProGrab™ accessories can extend performance even more for the serious/professional user.

Available accessories include...

- Optional PCMCIA Interface only **£29.95** for A600/A1200's for even FASTER operation...
 - Faster Downloading Times (up to FIVE times quicker)
 - Improved animation speeds of up to 11fps (mono) and 3.5fps (colour)
 - New sound sampling and animation capabilities (separate sound sampler required)
 - Save animations direct to your Amiga's hard drive
- Optional S-VHS Connection Lead only **£4.95** (Only necessary if your output device doesn't have a standard phono composite video out socket)

To get **your** hands on ProGrab™, call our sales line on...

01 773 836781



...or Post/FAX your requirements on the order form provided.

gordon harwood computers
the UK's favourite Amiga Dealer

Gordon Harwood Computers Limited.
New Street, Alfreton, Derbyshire DE55 7BP.
Tel: 01 773 836781 Facsimile: 01 773 831040

**ProGRAB™
24RT**

ProGrab™ really does make it that simple!

Even better performance using ProGrab™ Version 2.0 upgraded software.

- Support for Virtual Memory on all hard drive system Amigas (without the need to fit an MMU). Allowing use of the highest resolutions - even with smaller memory Amigas in low memory situations; requiring only 1Mb of hard drive space.
- Additional Teletext - with terrestrial TV signals as well as satellite
- A Larger preview window option with double the resolution and 4 times the area of the previous version
- Composite PAL, and now SECAM (French TV system) video inputs with NTSC compatibility due to be released soon.

FREE with all new ProGrab™ orders and available to all existing users as a software upgrade.

Mr/Mrs/Miss/Ms: Initial(s): Surname:

Address:

County (Country)

Postcode:

Daytime Phone

Evening Phone:

Please rush me... ☐ ProGrab Frame Grabber @ £129.95 inc. p&p £ : For a software upgrade @ £4.95
☐ Optional PCMCIA Interface @ £29.95 inc. p&p £ : inc. p&p please tick here ☐
☐ Optional SVHS Connector @ £4.95 inc. p&p £ :
☐ Optional FAST Courier Service Delivery £ 6 : 95 Card holder's signature:

(Overseas Customers - Please Call for Prices etc.)

TOTAL £ :

Card No.:

Expiry Date:

Issue No.(Switch Only):

Dept: amf

Cheque/Bank Draft/Postal Order for £ : payable to Gordon Harwood Computers Limited...

Datastore

Find out for yourself what makes *Datastore* more than just a database and set up your own records in this exclusive demo version of Digita's amazing new program.



Cannon Fodder 2

It's one of the most popular Amiga games ever, it's top of the charts, and we've got four levels of Sensible Software's classic Gold-rated *Cannon Fodder 2*.



Get Wired!

The communications revolution is well underway – so don't miss out! In this issue we explain what the Internet and Bulletin Boards are all about, what modems to buy, and what you need to get your Amiga talking to 60,000,000 other people!